

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

Assignment ID: PATI50191

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	IDEMIA Germany GmbH	10/20/2021
RECEIVING PARTY DATA		
Company Name:	IDEMIA France	
Street Address:	2 Place Samuel Champlain	
City:	Courbevoie	
State/Country:	FRANCE	
Postal Code:	92400	
PROPERTY NUMBERS Total: 4		
Property Type	Number	
Application Number:	13392347	
Application Number:	14438717	
Application Number:	13108192	
Application Number:	13003912	
CORRESPONDENCE DATA		
Fax Number:		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	+00(207)360-7582	
Email:	mtabona@anaqua.com	
Correspondent Name:	Mr. Michael Tabona	
Address Line 1:	Anaqua Services SAS	
Address Line 2:	Spaces Victoria 25 Wilton Road, Victoria,	
Address Line 4:	London, UNITED KINGDOM SW1V 1LW	
NAME OF SUBMITTER:	MRS. JENNINGS Christine	
SIGNATURE:	MRS. JENNINGS Christine	
DATE SIGNED:	02/26/2024	
Total Attachments: 66		
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ACTE REITERATIF DE TRANSFERT DE BREVETS

ENTRE LES SOUSSIGNES :

IDEMIA Germany GmbH Société au capital de 12,782,400.00 euros, dont le siège social est situé Konrad-Zuse-Ring/D-24220 Flintbek Allemagne, immatriculée au Registre du Commerce et des Sociétés de Kiel sous le numéro HRB 12975 KL, dûment représentée aux fins des présentes par Monsieur Christian Kelsch et Madame Gerry Weißenborn.

Ci-après dénommée « **le CEDANT** »,

D'UNE PART,

ET :

IDEMIA France, société par actions simplifiée au capital de 42 959 506,60 euros, dont le siège social est situé 2 Place Samuel de Champlain, 92400 Courbevoie, France, immatriculée au Registre du Commerce et des sociétés de Nanterre sous le numéro 340709534:

Représentée par Monsieur Marc Bouchet

Agissant en qualité de Directeur de la Propriété Intellectuelle

ci-après dénommée « **Le CESSIONNAIRE** »,

D'AUTRE PART,

IL A ETE EXPOSE, DECLARE ET CONVENU CE QUI SUIIT :

Par acte sous seing privé en date du 20 décembre 2019, il a été établi entre le CEDANT et le CESSIONNAIRE un contrat (ci-après le Contrat de Transfert) emportant entre autres conséquences le transfert par le CEDANT au CESSIONNAIRE de la propriété des brevets cités en Annexe 1 (ci-après « les Brevets »).

REITERATIVE AGREEMENT TO THE PATENTS TRANSFER

BETWEEN :

IDEMIA Germany GmbH a company incorporated and existing under the laws of Germany, with a capital of 12,782,400.00 euros, whose registered office is at Konrad-Zuse-Ring/D-24220 Flintbek Germany registered with the Kiel Trade and Companies Register under the number HRB 12975 KL, duly represented by Mr Christian Kelsch and Mrs Gerry Weißenborn.

Hereinafter referred as « **the ASSIGNOR** »,

ON THE ONE HAND,

AND:

IDEMIA France, a limited liability company (SAS) with a capital of 42 959 506,60 euros, with registered offices at 2 Place samuel de Champlain, 92400 Courbevoie, France, registered at Nanterre RCS under n°340709534:

Represented by Mr Marc Bouchet,

Acting as Intellectual Property Director

Hereinafter referred as « **the ASSIGNEE** »,

ON THE OTHER HAND,

WHEREAS:

Pursuant to a private agreement dated December 20, 2019, ASSIGNOR and ASSIGNEE established an agreement (the "Transfer Agreement") entailing among other consequences transfer by ASSIGNOR to ASSIGNEE of ownership of patents cited in Appendix 1 (hereafter called "Patents").

PATENT

REEL: 066675 FRAME: 0583

1999-08-19	DE19939347	2002-05-30	2000-08-01	2000-08-01	2000-08-01	2000-08-01	2000-08-01	2000-08-01	2000-08-01	2000-08-01	2000-08-01	1999-08-17	2000-08-01	1999-08-03
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(C1) FISCHER DIRK (DE); FANNASCH LOTHAR (DE)	(B1) FISCHER DIRK (DE); FANNASCH LOTHAR (DE)	(A1) FISCHER DIRK (DE); FANNASCH LOTHAR (DE)	(A1) FISCHER DIRK (DE); FANNASCH LOTHAR (DE)	(A1) FISCHER DIRK (DE); FANNASCH LOTHAR (DE)	(A) FISCHER DIRK; FANNASCH LOTHAR	(D1) HAMMER ASMUS (DE)	(T) HAMMER ASMUS (DE)	(A1) HAMMER ASMUS (DE)	(A1) HAMMER ASMUS (DE)	(A1) HAMMER ASMUS (DE)	(A) HAMMER ASMUS	(C1) JAHNICH MICHAEL (DE)		
SAGEM ORGA GMBH	Orga Kartensystem s GmbH	ORGA KARTENSYS TE ME GMBH (DE)	Orga Kartensystem e GmbH	ORGA KARTENSYS TE M GMBH	ORGA KARTENSYS TE M GMBH	SAGEM ORGA GMBH (DE)	SAGEM ORGA GMBH (DE)	ORGA KARTENSYS TE ME GMBH (DE)	SAGEM ORGA GMBH (DE)	SAGEM ORGA GMBH	ORGA KARTENSYS TE ME GMBH	SAGEM ORGA GMBH		

Pour les besoins de l'inscription du transfert de propriété auprès des Offices de Propriété Industrielle, les Parties ont décidé d'établir le présent Acte Réitératif de Transfert de Brevets (Acte Réitératif)

IL A ETE EXPOSE, DECLARE ET CONVENU CE QUI SUIIT :

Article 1 - Objet du Contrat

Sans préjudice des dispositions du Contrat de Transfert, le CEDANT et le CESSIONNAIRE confirment et réitèrent en tant que de besoin, que :

- 1.1 Le Contrat de Transfert a opéré, entre autres conséquences, le transfert par le CEDANT au profit du CESSIONNAIRE, des Brevets ainsi que tous les droits de propriété et de jouissance y afférents de même que l'intégralité des droits de priorité détenus sur les premières demandes de Brevet accompagnés de tous les droits y attachés sans aucune exception ni réserve, ainsi que toutes les extensions internationales ou nationales étrangères qui y sont rattachées pour toutes régions ou tous pays et toutes procédures, ainsi que de tout brevet ou demande de brevet en découlant, notamment les validations, divisions, continuations, continuations en partie.
- 1.2 Le présent transfert comprend tous les droits et actions attachés aux Brevets, présents, passés et futurs.
- 1.3 Conformément aux dispositions du Contrat, Le CESSIONNAIRE remplira toutes les formalités, notamment auprès de l'Institut National de la Propriété Industrielle et auprès de tous autres organismes équivalents dans les différentes juridictions concernées, en vue de rendre opposable aux tiers le transfert de propriété des Brevets.
- 1.4 Conformément aux dispositions du Contrat, le CESSIONNAIRE aura, après réalisation définitive du présent Acte Réitératif, tout pouvoir pour, aux lieu et place du CEDANT et relativement aux Brevets, s'il y a lieu, intenter ou poursuivre toutes actions judiciaires et procédures arbitrales, donner tous acquiescements à toutes décisions, recevoir ou payer toutes sommes dues en suite de ces actions, procédures et décisions

In order to proceed with recordal of this transfer on Industrial Property Registers, the Parties decided to execute this Reiterative Agreement to the Patents Transfer (Reiterative Agreement).

NOW, THEREFORE, IT IS HEREBY AGREED AS FOLLOWS:

Article 1 - Scope of Agreement

Notwithstanding any provision of the Agreement, ASSIGNOR and ASSIGNEE hereby reiterate and confirm, as necessary, that :

- 1.1 Pursuant to the Transfer Agreement, among other consequences, the ASSIGNOR transferred to the ASSIGNEE the Patents and all related property and enjoyment rights and the entirety of the priority rights held on the first patent applications of any said Patents along with all the rights attached thereto without any reservation or exception and all international or foreign extensions attached thereto for all region or countries and all procedures and any patent or patent application deriving therefrom, including in particular, validations, divisions, continuations or continuations in part.
- 1.2 This transfer includes all the present, past and future rights and actions concerning the PATENTS.
- 1.3 Pursuant to the Agreement, to render the transfer of ownership of the Patents enforceable against third parties, ASSIGNEE shall complete all necessary formalities before, notably, the French National Institute for Industrial Property and any other equivalent institution in the different jurisdictions concerned.
- 1.4 Pursuant to the provisions of the Agreement, the ASSIGNEE will, following final completion of the present Reiterative Agreement – be fully empowered, on behalf of ASSIGNOR and relating to the Patents, to institute or continue where necessary all legal proceedings and arbitration proceedings, grant all approvals necessary to all decisions, receive or pay any amount of money owed as a result of such actions, proceedings and decisions.

Article 2 – Costs and Recordal

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(A1) FANNASCH LOTHAR (DE); FISCHER DIRK (DE); HENNEMEYE R-SCHWENKER MICHAEL (DE)	(A) FANNASCH LOTHAR (DE); FISCHER DIRK (DE); SCHWENKER MICHAEL HENNEMEYE R (DE)	(A) FANNASCH LOTHAR; FISCHER DIRK; HENNEMEYE R-SCHWENKER MICHAEL	(B1) FANNASCH LOTHAR (DE);	(A2) FANNASCH LOTHAR (DE)	(A2) FANNASCH LOTHAR (DE)	(A1) FANNASCH LOTHAR (DE)	(A) FANNASCH LOTHAR	(T3) FISCHER DIRK (DE); FANNASCH LOTHAR (DE)	(T3) FISCHER DIRK (DE); FANNASCH LOTHAR (DE)	(D1) FISCHER DIRK (DE); FANNASCH LOTHAR (DE)	(T) FISCHER DIRK (DE); FANNASCH LOTHAR (DE)	
ORGA SYSTEM GMBH	ORGA KARTENSYS TE M GMBH (DE)	ORGA KARTENSYS TE M GMBH	ORGA KARTENSYS TE M GMBH	ORGA KARTENSYS TE ME GMBH (DE)	ORGA KARTENSYS TE ME GMBH (DE)	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH	ORGA KARTENSYS TE M GMBH	ORGA KARTENSYS TE ME GMBH (DE)	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH (DE)	

Article 2 - Frais et inscriptions

- 2.1 Tous frais, droits, taxes et honoraires dus pour toutes formalités relatives à l'Acte Réitératif seront à la charge du CESSIONNAIRE.
- 2.2 Le transfert sera inscrit à la diligence et aux frais du CESSIONNAIRE au Registre National des Brevets des Offices de Propriété Industrielle des pays dans lesquels les Brevets sont déposés.
- 2.3 Pour procéder à l'inscription du présent Acte Réitératif et pour le faire mentionner partout où besoin sera, tous pouvoirs sont donnés au porteur d'une copie des présentes.

Article 3 - Droit applicable - Litige

Le présent Acte Réitératif est soumis à la Loi allemande.

Toute difficulté concernant la validité, l'interprétation et /ou l'exécution du présent Acte Réitératif, sera soumise, à défaut de résolution amiable, à la compétence exclusive des tribunaux de Kiel (Allemagne).

Article 4 - Date d'effet

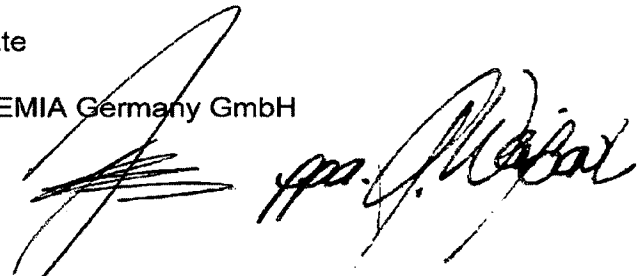
Le présent Acte Réitératif prend effet à la dernière date de signature par les Parties.

En cas de contradiction entre les versions anglaise et française, la version française de l'Acte Réitératif prévaudra.

Fait à Flintbek, en 2 exemplaires originaux

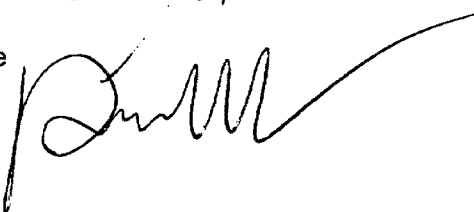
Date

IDEMIA Germany GmbH



Date 20 October 2021

IDEMIA France



- 2.1 All the costs, fees and rights relating to the formalities in relation to this Reiterative Agreement shall be borne by the ASSIGNEE.
- 2.2 This transfer will be recorded by the ASSIGNEE to National Register of Patents of Industrial Property Offices of the countries where the Patents are filed.
- 2.3 To proceed with the registration of this Reiterative Agreement and to do it wherever necessary to mention, all powers are given to the bearer of a copy hereof.

Article 3 - Governing Law – Disputes

This Reiterative Agreement is subject to German law.

Any dispute concerning the validity, interpretation and / or execution of this Reiterative Agreement, shall, failing amicable settlement, be submitted to the exclusive jurisdiction of the courts of Kiel (Germany).

Article 4 - Effective date

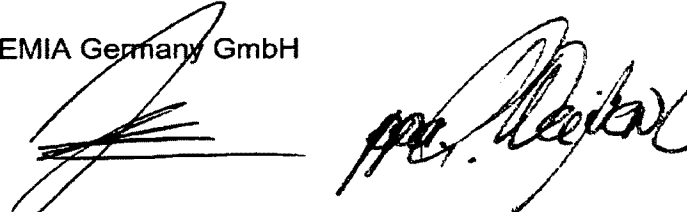
This Reiterative Agreement comes into force on the date of last signature by the Parties.

In case of discrepancy between English and French versions, French version of this Reiterative Act will prevail.

Executed in Flintbek, in 2 originals.

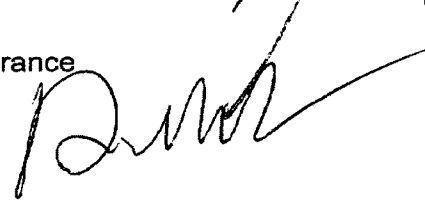
Date

IDEMIA Germany GmbH



Date October 20, 2021

IDEMIA France



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(A) SCHUMACHER MATTHIAS; FANNASCH LOTHAR; FISCHER DIRK; HENNEMEYE R- SCHWENKER MICHAEL	(A1) KAPPE FRANK (DE); AHLERS BENEDIKT (DE); FRANZ-BURGHOLZ ARNIM (DE); HECKER HERMANN/	(A1) KAPPE FRANK (DE); AHLERS BENEDIKT (DE); FRANZ-BURGHOLZ ARNIM (DE); HECKER HERMANN/	(A1) KAPPE FRANK (DE); AHLERS BENEDIKT (DE); FRANZ-BURGHOLZ ARNIM (DE); HECKER HERMANN/	(A) KAPPE FRANK; AHLERS BENEDIKT; FRANZ-BURGHOLZ ARNIM; HECKER HERMANN	(A2) ZOELLNER HEINZ (DE)	(A1) ZOELLNER HEINZ (DE)	(A) ZOLLNER HEINZ	(D1) FANNASCH LOTHAR (DE); FISCHER DIRK (DE); HENNEMEYE R- SCHWENKER MICHAEL (DE)	(T) FANNASCH LOTHAR (DE); FISCHER DIRK (DE); HENNEMEYE R- SCHWENKER MICHAEL (DE)	(B1) FANNASCH LOTHAR (DE); FISCHER DIRK (DE); HENNEMEYE R- SCHWENKER MICHAEL (DE)	(A2) FANNASCH LOTHAR (DE); FISCHER DIRK (DE); HENNEMEYE R- SCHWENKER MICHAEL (DE)	(A2) FANNASCH LOTHAR (DE); FISCHER DIRK (DE); HENNEMEYE R- SCHWENKER MICHAEL (DE)		
ORGA KARTENSYS TE M GMBH	BUNDESDRU CKEREI (DE); MORPHO (DE)	BUNDESDRU CKEREI (DE); SAGEM ORGA GMBH, ORGA KARTENSYS TE	BUNDESDRU CKEREI (DE); SAGEM ORGA GMBH (DE), SAGEM ORGA GMBH, ORGA KARTENSYS TE	BUNDESDRU CKEREI; MORPHO	ORGA KARTENSYS TE ME GMBH (DE)	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH	ORGA KARTENSYS TE M GMBH (DE)	ORGA KARTENSYS TE M GMBH (DE)	U NICA TECHNOLOGY AG	HENNEMEYE R SCHWENKER MICHAEL (DE) , ORGA KARTENSYS TE M GMBH (DE)	U NICA TECHNOLOGY AG		

A handwritten signature in black ink, consisting of a series of loops and strokes, located in the bottom right corner of the page.

1999-11-18	2000-11-10	2000-11-10	2000-11-10	2000-11-10	2000-11-10	2000-11-10	2000-11-10	2000-11-10	2000-11-18	2000-11-10	2000-10-30	1999-11-18	2000-09-14	2000-09-14
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(A1) SENGE CARSTEN (DE))	(A) SENGE CARSTEN	(D1) SENGE CARSTEN (DE)); STAUDT MATHIAS (DE)); MENTZER RUEDIGER (DE))	(T) SENGE CARSTEN (DE)); STAUDT MATHIAS (DE)); MENTZER RUEDIGER (DE))	(A2) SENGE CARSTEN (DE); STAUDT MATHIAS (DE); MENTZER RUEDIGER (DE)	(A2) SENGE CARSTEN (DE); STAUDT MATHIAS (DE); MENTZER RUEDIGER (DE)	(A1) SENGE CARSTEN (DE); STAUDT MATHIAS (DE); MENTZER RUEDIGER (DE)	(A) SENGE CARSTEN; STAUDT MATHIAS; MENTZER RUEDIGER	(A1) WEINHOLD ULRICH (DE))	(A1) WEINHOLD ULRICH (DE)	(T3) FANNASCH LOTHAR (DE)); FISCHER DIRK (DE)); HENNEMEYE (DE)); R- SCHWENKER MICHAEL (DE))	(D1) FANNASCH LOTHAR (DE)); FISCHER DIRK (DE)); HENNEMEYE (DE)); R- SCHWENKER MICHAEL (DE))			
SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH (DE)	ORGA KARTENSYS TE ME GMBH (DE)	ORGA KARTENSYS TE ME GMBH (DE)	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH	ORGA KARTENSYS TE ME GMBH (DE)	SAGEM ORGA GMBH	ORGA KARTENSYS TE ME GMBH	ORGA SYSTEM GMBH			

1995-01-25	1995-01-16	1994-11-30	1994-11-02	1994-10-05	1994-08-17	1994-08-17	1995-05-16
DE199510215 7	DE19500925	DE199444425 54	DE199444390 97	DE199444355 79	DE199444355 79	DE199444291 10	DE59502879
1996-08-01	1996-07-18	1998-06-04	1997-05-15	1996-05-09	1996-04-11	1997-06-12	1998-08-27
DE19502157	DE19500925	DE4442554	DE4439097	DE4439097	DE4435579	DE4429110	DE59502879
	1999-04-08	1998-06-04	1997-05-15		2000-11-30	1997-06-12	2007-03-15
	DE19500925	DE4442554	DE4439097	DE4435579	DE4447678	DE4429110	
	16/01/1996		02/11/1995	05/10/1995	17/08/1995		16/05/1996
25/01/1995	16/01/1995	30/11/1994	02/11/1994	05/10/1994	17/08/1994	17/08/1994	16/05/1995
DE19502157	DE19500925	DE4442554	DE4439097	DE4435579	DE4429110	DE4429110	DE59502879
TRUEGGELM ANN UWE (DE)	(A1) TRUEGGELM ANN UWE (DE)	MAYERWITTR ECK UDO	EICHINGER SIEGFRIED (DE); BRUEHL HENRY (DE)	(A1) GUNDELACH HARRY (DE)	(A1) GUNDELACH HARRY (DE)	(C2) HENNEMEYER- SCHWENKNER MICHAEL (DE); KONZE BERNHARD (DE); NIESSNER ANTJE (DE); ESCHENBURG AXEL (DE)	(D1) BLOME RAINER (DE)
SAGEM ORGA GMBH (DE)	SAGEM ORGA GMBH	ATLANTIC ZEISER GMBH	SAGEM ORGA GMBH	SAGEM ORGA GMBH	SAGEM ORGA GMBH	BOWE CARDETEC GMBH	BOWE CARDETEC GMBH

2001-05-07	AU20012672 90	2001-02-27	2000-03-04	2001-02-27	1999-12-10	2000-11-16	2000-11-16	2000-11-16	1999-11-24	2000-11-16	2000-11-16	2000-11-10
	WODE01007 33		DE10010785	AU20012391 98	DE19959407	DE50010853	AT00988596T	WODE00039 91	EP00988596	DE19956436	AU2502401	WODE00039 33
2001-11-26	2001-09-13	2001-09-06	2001-09-06	2001-09-17	2001-06-13	2005-09-01	2005-08-15	2001-05-31	2004-04-21	2001-06-07	2001-06-04	2001-05-25
AU20012672 90	WO20016738 5	DE10010785		AU20012391 98	DE19959407	DE50010853	AT300771	WO20013911 4	EP1410320	DE19956436	AU2502401	WO20013762 2
					2012-09-06				2005-07-27			
					DE19959407		AT300771		EP1410320			
07/05/2002	27/02/2002	04/03/2001	27/02/2002	27/02/2002	10/12/2000	16/11/2001	16/11/2001	16/11/2001	24/11/2000	16/11/2001	10/11/2001	
07/05/2001	27/02/2001	04/03/2000	27/02/2001	27/02/2001	10/12/1999	16/11/2000	16/11/2000	16/11/2000	24/11/1999	16/11/2000	10/11/2000	
DE10024052	DE10010785	DE10010785	DE10010785	DE10010785	DE19959407	DE50010853	DE19956436	DE19956436	WODE00039 91	DE19956436	DE19956436	DE19955538
(A) KONIG KARL-HEINZ	(A1) KLOSE DIETER ((DE))	(A1) KLOSE DIETER ((DE))	(A) KLOSE DIETER	(A1) FAHLE HEINZ-JOSEF (DE)	(D1) SENG CARSTEN ((DE))	(T) SENG CARSTEN ((DE))	(A1) SENG CARSTEN ((DE))	(A1) SENG CARSTEN ((DE))	(A1) SENG CARSTEN ((DE))	(A) SENG CARSTEN	(A2) SENG CARSTEN (DE)	
ORGA KARTENSYS TE M GMBH (I)	ORGA KARTENSYS TE M GMBH (DE)	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH	SAGEM ORGA GMBH	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH (DE)	ORGA KARTENSYS TE M GMBH (DE)	ORGA KARTENSYS TE M GMBH (DE)	ORGA KARTENSYS TE M GMBH (DE)	ORGA KARTENSYS TE M GMBH (DE)	ORGA KARTENSYS TE M GMBH (DE)	ORGA KARTENSYS TE M GMBH (DE)

1997-02-21	1997-11-26	1996-02-07	1995-10-27	1997-12-22	1995-09-01	1995-06-27	1995-09-01	1996-06-24	1996-06-24	1996-06-24	1995-01-25
CN97190104	US95231897	DE19604319	DE19951040013	US08981014	DE199510322 23	DE199512324 2	DE199520220 39U	WODE96011 05	ES199609186 00T	EP199609186 00	DE19502157
1998-04-29	2000-04-11	1997-08-14	1999-10-14	2001-07-10	1996-11-21	1997-01-02	1999-11-11	1997-01-16	2013-06-21	2013-03-27	1996-08-01
CN1180433	US6049055	DE19604319	DE19540013	US6259035	DE19532223	DE19523242	DE29522039	WO9701823	ES2408855	EP0835497	DE19502157
2004-12-15	2000-04-11	2007-02-22	1999-10-14	2001-07-10						2013-03-27	2011-07-21
CN1180365	US6049055	DE19604319	DE19540013	US6259035						EP0835497	DE19502157
21/02/1998	26/11/1998	07/02/1997		22/12/1998				24/06/1997			25/01/1996
21/02/1997	26/11/1997	07/02/1996	27/10/1995	22/12/1997	01/09/1995	27/06/1995	01/09/1995	24/06/1996	24/06/1996	24/06/1996	25/01/1995
DE19606782	DE19606782	DE19604319	DE19540013	DE19523242	DE199510322 23	DE199512324 2	DE199510322 23	WO1996DE0 1105	WO1996DE0 1105	WO1996DE0 1105	DE19502157
(A) FANNASH LOTHAR (DE); TRUEGGELM ANN UWE (DE)	(A) FANNASH LOTHAR (DE); TRUEGGELM ANN UWE (DE)	(A1) FANNASCH LOTHAR (DE)	(A1) MAYER- WITTECK UDO (DE); KRUPKE FRANK (DE); SOCHART HEIKO (DE)	(B1) TRUEGGELMANN UWE (DE); WENDISCH KARLHEINZ (DE)	TRUEGGELM ANN UWE (DE)	TRUEGGELM ANN UWE (DE)	/	(A2) TRUEGGELM ANN UWE (DE); WENDISCH KARLHEINZ (DE)	TRUEGGELM ANN UWE (DE)	TRUEGGELM ANN UWE (DE)	(A1) TRUEGGELM ANN UWE (DE)
SAGEMGE CO LTD	ATLANTIC ZEISER	SAGEM ORGA GMBH (DE)	ATLANTIC ZEISER GMBH	ORGA Kartensysteme GmbH	ORGA KARTENSYTE M GMBH (DE)	ORGA KARTENSYTE M GMBH (DE)	ORGA KARTENSYTE M GMBH	ORGA KARTENSYTE ME GMBH (DE)	MORPHO CARDS GMBH ORGA GMBH (DE)	MORPHO CARDS GMBH (DE), SAGEM ORGA GMBH	SAGEM ORGA GMBH (DE)

2001-04-12	2000-05-20	2001-04-12	2003-05-05	2001-04-12	2001-04-12	2001-04-12	2001-04-12	2001-04-12	2001-05-07	2000-05-16	2001-05-07	2001-05-07
PT01933825T	DE10025093	WOEP010423 2	US10296567	EP01933825	AU20010260 205	CN01812812	DE50104976	AT01944901T	DE10024052	WO20018884 4	EP01944901	2001-05-07
2007-11-30	2001-11-22	2001-11-29	2004-01-15	2003-03-05	2007-02-01	2003-09-10	2005-02-03	2005-01-15	2002-02-28	2001-11-22	2003-03-05	2001-05-07
PT1286833	DE10025093	WO20018983 1	US200400732 4	EP1286833	AU20010260 205	CN1441723	DE50104976	AT286281	DE10024052	WO20018884 4	EP1287487	2001-05-07
2007-11-30				2007-08-22	2007-02-01	2005-08-10	2005-02-03		2002-02-28		2004-12-29	2001-05-07
PT1286833				EP1286833	AU20010260 205	CN1213858	DE50104976	AT286281	DE10024052		EP1287487	2001-05-07
12/04/2002	20/05/2001	12/04/2002	05/05/2004	12/04/2002		12/04/2002	07/05/2002	07/05/2002	16/05/2001	07/05/2002	07/05/2002	2001-05-07
12/04/2001	20/05/2000	12/04/2001	05/05/2003	12/04/2001	12/04/2001	12/04/2001	07/05/2001	07/05/2001	16/05/2000	07/05/2001	07/05/2001	2001-05-07
DE10025093	DE10025093	DE10025093	DE10025093	DE10025093	DE10025093	DE10025093	DE50104976	DE10024052	DE10024052	DE10024052	DE200012405 2	2001-05-07
(E) FISCHER DIRK ((DE)); HENN RALF ((DE)); SCHUMACHE R MATTHIAS ((DE))	(A1) HENN RALF ((DE)); FISCHER DIRK ((DE)); SCHUMACHE R MATTHIAS ((DE))	(A1) HENN RALF ((DE)); FISCHER DIRK ((DE)); SCHUMACHE R MATTHIAS ((DE))	(A1) HENN RALF ((DE)); FISCHER DIRK ((DE)); SCHUMACHE R MATTHIAS ((DE))	(A1) HENN RALF ((DE)); FISCHER DIRK ((DE)); SCHUMACHE R MATTHIAS ((DE))	(A) HENN RALF; FISCHER DIRK; SCHUMACHE R MATTHIAS	(A) HENN R (DE); FISCHER D (DE); SCHUMACHE R M (DE)	(D1) KOENIG KARL-HEINZ ((DE))	(T) KOENIG KARL-HEINZ ((DE))	(A1) KOENIG KARL-HEINZ ((DE))	(A1) KOENIG KARL-HEINZ ((DE))	(A1) KOENIG KARL-HEINZ ((DE))	2001-05-07
LOHMANN GMBH & CO KG ((DE), SAGEM ORGA GMBH ((DE)	LOHMANN GMBH & CO KG ((DE), ORGA KARTENSYS TE ME GMBH ((DE)	LOHMANN GMBH & CO KG ((DE), ORGA KARTENSYS TE ME GMBH ((DE)	LOHMANN GMBH & CO KG, ORGA KARTENSYS TE M GMBH	LOHMANN GMBH & CO KG ((DE), SAGEM ORGA GMBH ((DE)	LOHMANN GMBH & CO KG ((DE), ORGA KARTENSYS TE ME GMBH	Orga Kartensystem e GmbH	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH ((DE)	SAGEM ORGA GMBH	KOENIG KARL HEINZ ((DE), ORGA KARTENSYS TE ME GMBH ((DE)	ORGA KARTENSYS TE ME GMBH ((DE)	2001-05-07

2003-01-27	2001-07-19	2001-07-19	2000-07-27	2001-07-19	2001-05-07	2000-05-20	2007-11-22	2001-04-12	2001-04-12	2001-04-12	2001-04-12
US10352371	PL36616701	CA2417795	DE10036505	AU7754401	EP01110958	DE10025147	CY200711001 500T	ES01933825T	DK01933825 T	DE50112911	AT01933825T
2003-12-18	2005-01-24	2003-01-27	2003-08-14	2002-02-13	2001-12-05	2001-11-22	2012-09-26	2008-04-16	2008-01-07	2007-10-04	2007-09-15
US2003223081 6	PL366167	CA2417795	DE10036505	AU20012775 AA	EP1160724	DE10025147	CY1107019	ES2295165	DK1286833	DE50112911	AT370834
	2008-10-31	2007-07-19	2003-08-14		2004-08-17	2002-03-07		2008-04-16	2008-01-07	2007-10-04	2007-09-15
			DE10036505			DE10025147		ES2295165	DK1286833	DE50112911	AT370834
27/01/2004	19/07/2002	20/07/2021	27/07/2001	19/07/2002	07/05/2002	20/05/2001	22/11/2008	12/04/2002	12/04/2002	12/04/2002	12/04/2002
27/01/2003	19/07/2001	19/07/2001	27/07/2000	19/07/2001	07/05/2001	20/05/2000	22/11/2007	12/04/2001	12/04/2001	12/04/2001	12/04/2001
DE10036505	DE10036505	DE10036505	DE10036505	DE10036505	DE10025147	DE10025147	DE10025093	DE10025093	DE10025093	DE10025093	DE10025093
(A1) KAPPE FRANK (DE); PAESCHKE MANFRED (DE); HECKER HERMANN (DE); HOCHENBLEI GERHARD (DE)	(A1) KAPPE FRANK (DE); HOCHENBLEI GERHARD (DE); KLEY ERNST- BERNHARD (DE); ZOLLNER KARSTEN (DE)	(A1) KAPPE FRANK (DE)	(A1) KAPPE FRANK (DE)	(A) KAPPE FRANK	(A2) KOENIG KARL-HEINZ DR (DE)	(A1) KOENIG KARL-HEINZ (DE)	(T3) HENN RALF (DE); FISCHER DIRK (DE); SCHUMACHE R MATTHIAS (DE)	(T3) HENN RALF (DE); FISCHER DIRK (DE); SCHUMACHE R MATTHIAS (DE)	(T3) HENN RALF (DE); FISCHER DIRK (DE); SCHUMACHE R MATTHIAS (DE)	(D1) HENN RALF (DE); FISCHER DIRK (DE); SCHUMACHE R MATTHIAS (DE)	(T) HENN RALF (DE); FISCHER DIRK (DE); SCHUMACHE R MATTHIAS (DE)
BUNDESDRU CKEREI	BUNDESDRU CKEREI (DE); ORG KARTENSYS TE ME GMBH (DE)	BUNDESDRU CKEREI GMBH (DE); ORG KARTENSYS TE ME GMBH (DE)	BUNDESDRU CKEREI GMBH	BUNDESDRU CKEREI GMBH (I), ORG KARTENSYS TE M GMBH (I)	ORGA KARTENSYS TE ME GMBH (DE)	SAGEM ORGA GMBH	LOHMANN GMBH & CO KG, SAGEM ORGA GMBH (DE)	LOHMANN GMBH & CO KG, SAGEM ORGA GMBH (DE)	LOHMANN GMBH & CO KG (DE), SAGEM ORGA GMBH (DE)	LOHMANN GMBH & CO KG (DE), SAGEM ORGA GMBH (DE)	LOHMANN GMBH & CO KG (DE), SAGEM ORGA GMBH (DE)

1997-11-25	1996-10-26	1996-09-13	1997-09-11	1996-08-02	1996-07-03	1996-06-26	1996-06-26	1996-05-28	1996-05-07	1997-04-22	1997-04-22
US97796797	DE19644614	DE19637306	EP97115783	DE19631283	DE19626702	DE19625466	DE19625466	DE19621390	DE19618218	WODE97008 01	EP97923741
2000-12-26	1998-02-26	1998-05-20	1998-03-18	1998-02-05	1997-12-18	1997-11-13	1997-11-13	1997-12-04	1997-06-05	1997-11-13	1998-04-29
US6165696	DE19644614	DE19637306	EP0829819	DE19631283	DE19626702	DE19625466	DE19625466	DE19621390	DE19618218	WO9742782	EP0838122
2000-12-26	1998-02-26	1998-05-20	2003-07-02	1998-02-05	1997-12-18	1997-11-13	1997-11-13	1997-12-04	1997-06-05		2003-07-08
US6165696	DE19644614	DE19637306	EP0829819	DE19631283	DE19626702	DE19625466	DE19625466	DE19621390	DE19618218		
25/11/1998	26/10/1997	13/09/1997	11/09/1998	02/08/1997	03/07/1997	26/06/1997	26/06/1997	28/05/1997	07/05/1997	22/04/1998	22/04/1998
25/11/1997	26/10/1996	13/09/1996	11/09/1997	02/08/1996	03/07/1996	26/06/1996	26/06/1996	28/05/1996	07/05/1996	22/04/1997	22/04/1997
DE19649301	DE19644614	DE19637306	DE19637306	DE19631283	DE19626702	DE19625466	DE19625466	DE19621390	DE19618218	WODE97008 01	
(A) FISCHER DIRK ((DE))	(C1) TRUEGGELM ANN UWE ((DE)); SCHULTE THOMAS- LOTHAR ((DE)); WEBER UWE ((DE))	(C1) FISCHER DIRK DR ((DE)); FANNASCH LOTHAR ((DE))	(A2) FISCHER DIRK DR ((DE)); FANNASCH LOTHAR ((DE))	(A1) FISCHER DIRK DR ((DE)); BECKER LUTZ ((DE))	(C1) TRUEGGELM ANN UWE ((DE))	(C1) FANNASH LOTHAR ((DE)); FISCHER DIRK DR ((DE))	(A1) FISCHER DIRK DR ((DE)); BECKER LUTZ ((DE))	(A1) ZEGLIN SABINE ((DE)); BLOME RAINER ((DE))	(C1) HANNO DIETRICH ((DE))	(A1) DIETRICH HANNO ((DE))	(A1) DIETRICH HANNO ((DE))
ORGA Kartensystem e GmbH	SAGEM ORGA GMBH	SAGEM ORGA GMBH	SAGEM ORGA GMBH	SAGEM ORGA GMBH	SAGEM ORGA GMBH	SAGEM ORGA GMBH	SAGEM ORGA GMBH	Giesecke & Devrient GmbH, 81677 München, DE	ORGA KARTENSYTE M GMBH	ORGA KARTENSYTE M GMBH	ORGA KARTENSYTE M GMBH

2001-04-25	2001-04-25	2000-07-31	2003-01-24	2001-07-19	2001-07-19	2001-07-19	2001-07-19	2001-07-19	2001-07-19	2001-07-19	2001-07-19	2001-07-19
EP0104742W	AU20010062 236	DE10037174	NO20030396	ES01955359T	DE50105429	AT01955359T	SK782003	CZ20030252	HU0300495	WOEP010835 2	EP01955359	
2002-02-07	2002-02-13	2002-02-14	2003-01-24	2005-09-01	2005-03-31	2005-03-15	2004-12-01	2003-06-18	2003-09-29	2002-02-07	2003-05-14	
WO02011081	AU6223601A	DE10037174	NO20030396	ES2238461	DE50105429	AT289692	SK782003	CZ20030252	HU0300495	WO20021106 3	EP1309941	
		2003-01-16		2005-09-01	2005-03-31	2005-03-15	2011-02-04		2008-02-28		2005-02-23	
		DE10037174		ES2238461	DE50105429	AT289692			HU225999		EP1309941	
		31/07/2001	24/01/2004	19/07/2002	19/07/2002	19/07/2002	19/07/2002	19/07/2002	19/07/2002	19/07/2002	19/07/2002	
25/04/2001	25/04/2001	31/07/2000	24/01/2003	19/07/2001	19/07/2001	19/07/2001	19/07/2001	19/07/2001	19/07/2001	19/07/2001	19/07/2001	
WO2001EP04 742	WO2001EP04 742	DE10037174	DE10036505	DE10036505	DE10036505	DE10036505	DE10036505	DE10036505	DE10036505	DE10036505	DE10036505	
(A1) BORMANN FRANK C (DE); FISCHER DIRK (DE); JAHNICH MICHAEL (DE); FANNASCH LOHTAR (DE)	(A1) BORMANN FRANK C (DE); FISCHER DIRK (DE); JAHNICH MICHAEL (DE); FANNASCH LOHTAR (DE)	(A1) BORMANN FRANK C (DE); FISCHER DIRK (DE); JAHNICH MICHAEL (DE); FANNASCH LOHTAR (DE)	(D0) KAPPE FRANK (DE)	(T3) KAPPE FRANK (DE); PAESCHKE MANFRED DR (DE); HECKER HERMANN DR (DE); HOCHENBLEI CHER GERHARD (DE)	(D1) KAPPE FRANK (DE); PAESCHKE MANFRED DR (DE); HECKER HERMANN DR (DE); HOCHENBLEI CHER GERHARD (DE)	(T1) KAPPE FRANK (DE); PAESCHKE MANFRED DR (DE); HECKER HERMANN DR (DE); HOCHENBLEI CHER GERHARD (DE)	(A3) KAPPE FRANK (DE); PAESCHKE MANFRED (DE); HECKER HERMANN (DE); HOCHENBLEI CHER GERHARD (DE)	(A3) KAPPE FRANK (DE)	(A2) KAPPE FRANK (DE)	(A2) KAPPE FRANK (DE)	(A2) KAPPE FRANK (DE); PAESCHKE MANFRED DR (DE); HECKER HERMANN DR (DE); HOCHENBLEI CHER GERHARD (DE)	
ORGA KARTENSYS TE M GMBH	ORGA KARTENSYS TE M GMBH	SAGEM ORGA GMBH	BUNDESDRU CKEREI (DE)	BUNDESDRU CKEREI GMBH, ORGA KARTENSYS TE M GMBH	BUNDESDRU CKEREI GMBH (DE), SAGEM ORGA GMBH, ORGA KARTENSYS TE M GMBH	BUNDESDRU CKEREI GMBH (DE), ORGA KARTENSYS TE M GMBH (DE)	BUNDESDRU CKEREI (DE)	BUNDESDRU CKEREI (DE)	BUNDESDRU CKEREI (DE)	BUNDESDRU CKEREI GMBH (DE), ORGA KARTENSYS TE ME GMBH (DE)	BUNDESDRU CKEREI GMBH (DE), ORGA KARTENSYS TE M GMBH (DE)	

1998-02-11	EP98905420	1997-02-11	DE19705170	AU6100698	CN98804084	1998-02-11	1997-01-29	1998-01-20	1998-01-27	1998-01-29	1996-11-28	1996-11-28	1997-11-12	1997-11-12
1999-12-29	EP0966726	1998-08-20	DE19705170	AU6100698	CN1181451	2000-05-03	1998-05-20	1998-03-18	2001-10-19	2000-05-23	1998-12-10		2002-10-15	1998-06-03
1999-12-29	EP0966726		DE19705170	AU6100698	CN1181451	2000-05-03	1998-05-20	1998-03-18	2001-10-19	2000-05-23	1998-12-10	DE19649301	AT7224305	EP0845370
1999-12-29	EP0966726			2001-11-01	2004-12-22	2004-12-22	2006-11-16	2001-01-31	2001-10-19	2000-05-23	1998-12-10		2004-02-15	2002-09-18
11/02/1999	EP0966726	11/02/1998		AU740081	CN1181451	11/02/1999	29/01/1998	20/01/1999	FR2760114	US6065681	DE59708251		AT224305	EP0845370
11/02/1998		11/02/1997		11/02/1999	11/02/1998	11/02/1998	29/01/1997	20/01/1998	27/01/1998	29/01/1998	28/11/1996	28/11/1997	12/11/1998	12/11/1997
DE19705170		DE19705170		DE19705170	DE19705170	DE19705170	DE19703122	DE19703122	DE19703122	DE19703122	DE19649301	DE19649301	DE19649301	DE19649301
(A1) BLOME RAINER (DE); GRUN HERBERT (DE); WASCHK VOLKER (DE)		(A1) BLOME RAINER (DE); GRUN HERBERT; WASCHK VOLKER	(A) BLOME RAINER; GRUN HERBERT; WASCHK VOLKER	(A) BLOME R (DE); GRUN H (DE); MASCHK V (DE)	(C1) TRUEGGELM ANN UWE (DE)	(A) TRUEGGELM ANN UWE	(A1) TRUEGGELM ANN UWE	(A) TRUEGGELM ANN UWE (DE)	(D1) FISHER DR (DE)	(C2) FISCHER DIRK DR (DE)	(T) FISHER DIRK DR (DE)	(A2) FISHER DIRK DR (DE)		
GIESECKE & DEVRIENT (DE)	MORPHO (DE)	GIESECKE & DEVRIENT	GIESECKE & DEVRIENT (DE)	SAGEM ORGA GMBH	ORGA KARTENSYST ME GMBH	ORGA KARTENSYST ME GMBH	ORGA KARTENSYST ME GMBH	Morpho Cards GmbH	(C2) ORGAKARTE NSYSTEME GMBH (DE)	MORPHO (DE)	ORGA Kartensystem e GmbH			

2001-08-01	2001-06-26	2001-06-26	2000-09-21	2001-06-26	2000-09-21	2001-06-26	2001-06-26	2003-07-23	2001-06-26	2003-07-23	2001-06-26	2000-07-31
AU8978001	ES01956277T	WODE01023 02	DE10047460	AU7836201	DE10047450	WODE01022 97	EP01985770	US10380944	AU3825702	DE10037176		
2002-04-08	2008-03-01	2002-04-04	2002-04-11	2002-04-08	2002-04-11	2002-04-04	2004-04-21	2004-01-15	2002-04-08	2002-02-14		
AU20012897	ES2392397	WO20022765 2	DE10047460	AU20012783 62	DE10047450	WO20022764 7	EP1410317	US200400762 5	AU20022382	DE10037176		
	2008-03-01	2012-09-12						2004-12-07		2002-10-17		
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01/08/2002	26/06/2002	26/06/2002	21/09/2001	26/06/2002	21/09/2001	26/06/2002	26/06/2002	23/07/2004	26/06/2002	31/07/2001		
01/08/2001	26/06/2001	26/06/2001	21/09/2000	26/06/2001	21/09/2000	26/06/2001	26/06/2001	23/07/2003	26/06/2001	31/07/2000		
DE10048812	DE10047460	WODE01023 02	DE10047460	DE10047460	DE10047450	DE10047450	WODE01022 97	DE10047450	DE10047450	DE10037176		
(A) SCHUMACHE R MATTHIAS; FISCHER DIRK	(T3) FISCHER DIRK; FANNASCH LOTHAR; KAPPE FRANK; HENNEMEYE R- SCHWENKER MICHAEL; BORMANN FRANK.	(A1) FISCHER DIRK (DE); FANNASCH LOTHAR (DE); KAPPE FRANK (DE); HENNEMEYE R- SCHWENKER MICHAEL (DE).	(A1) FISCHER DIRK (DE); FANNASCH LOTHAR (DE); KAPPE FRANK (DE); HENNEMEYE R- SCHWENKER MICHAEL (DE).	(A) FISCHER DIRK; FANNASCH LOTHAR; KAPPE FRANK; HENNEMEYE R- SCHWENKER MICHAEL; BORMANN FRANK.	(A1) KAPPE FRANK (DE); FISCHER DIRK (DE); FANNASCH LOTHAR (DE); HENNEMEYE R- SCHWENKER MICHAEL.	(A1) KAPPE FRANK (DE); FISCHER DIRK (DE); FANNASCH LOTHAR (DE); HENNEMEYE R- SCHWENKER MICHAEL.	(A1) KAPPE FRANK (DE); FISCHER DIRK (DE); FANNASCH LOTHAR (DE); SCHWENKER MICHAEL HENNEMEYE ER (DE); SCHUMACHE R MATTHIAS.	(A1) KAPPE FRANK (DE); FISCHER DIRK (DE); FANNASCH LOTHAR (DE); SCHWENKER MICHAEL HENNEMEYE ER (DE); SCHUMACHE R MATTHIAS.	(A) KAPPE FRANK; FISCHER DIRK; FANNASCH LOTHAR; HENNEMEYE R- SCHWENKER MICHAEL; SCHUMACHE R MATTHIAS.	(A1) BORMANN FRANK C (DE); FISCHER DIRK (DE); FANNASCH LOTHAR; HENNEMEYE JAHNICH MICHAEL (DE); FANNASCH LOTHAR (DE)		
ORGA KARTENSYS TE M GMBH	UNICA TECHNOLOGY AG (CH)	HENNEMEYE R SCHWENKER MICHAEL (DE) , ORGA KARTENSYS TE M GMBH (	U NICA TECHNOLOGY AG	ORGA KARTENSYS TE M GMBH	U NICA TECHNOLOGY AG	HENNEMEYE R SCHWENKER MICHAEL (DE) , ORGA KARTENSYS TE M GMBH (	U NICA TECHNOLOGY AG	U NICA TECHNOLOGY AG	ORGA KARTENSYS TE M GMBH	SAGEM ORGA GMBH		

1998-03-05	1998-03-06	1998-02-11	1998-02-11	1998-02-11	1998-02-11	1998-02-11	1998-02-11	1998-02-11	1998-02-11	1998-02-11	1998-02-11	1998-02-11
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1998-09-09	2000-07-04	2002-10-31	2002-12-01	2002-07-01	2002-07-01	2002-07-11	2002-06-15	2002-09-10	2003-02-11	2005-04-29	1998-08-13	1998-08-13
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EP0863481		PT966726	ES2176966	DK966726	DK966726	DE59804319	AT218728	RU2189076	US6519497			CA2280721
05/03/1999	06/03/1999	11/02/1999	11/02/1999	11/02/1999	11/02/1999	11/02/1999	11/02/1999	11/02/1999	22/11/2000	10/07/2001	11/02/1999	11/02/1999
05/03/1998	06/03/1998	11/02/1998	11/02/1998	11/02/1998	11/02/1998	11/02/1998	11/02/1998	11/02/1998	22/11/1999	10/07/2000	11/02/1998	11/02/1998
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(A1) MEYER-WITTRECK UDO (DE); KRUPKE FRANK (DE); RUEBELKE HERMANN (DE); ROEBKE STEFFEN (DE)	(A) MEYER-WITTRECK UDO (DE); RUEBELKE HERMANN (DE); KRUPKE FRANK (DE); ROEBKE STEFFEN (DE)	(E) BLOME RAINER (DE); GRUN HERBERT (DE); WASCHK VOLKER (DE)	(T3) BLOME RAINER (DE); GRUN HERBERT (DE); WASCHK VOLKER (DE)	(T3) BLOME RAINER (DE); GRUN HERBERT (DE); WASCHK VOLKER (DE)	(T3) BLOME RAINER (DE); GRUN HERBERT (DE); WASCHK VOLKER (DE)	(D1) BLOME RAINER (DE); GRUN HERBERT (DE); WASCHK VOLKER (DE)	(T) BLOME RAINER (DE); GRUN HERBERT (DE); WASCHK VOLKER (DE)	(C2) BLOME RAINER (DE); GRUN GERBERT (DE); VASHK FOLKER (DE)	(B1) BLOME RAINER (DE); GRUN HERBERT (DE); WASCHK VOLKER (DE)	(A1) BLOME RAINER; GRUN HERBERT; WASCHK VOLKER	(A1) BLOME RAINER (DE); GRUN HERBERT (DE); WASCHK VOLKER (DE)	(A1) WASCHK VOLKER (DE); GRUN HERBERT (DE); BLOME RAINER (DE)
BOEWE CARTEC GMBH (DE)	ATLANTIC ZEISER GMBH	GIESECKE & DEVRIENT (DE)	GIESECKE & DEVRIENT (DE)	GIESECKE & DEVRIENT (DE)	GIESECKE & DEVRIENT (DE)	GIESECKE & DEVRIENT (DE)	GIESECKE & DEVRIENT (DE)	GIESECKE & DEVRIENT (DE)	GIESECKE & DEVRIENT (DE)	GIESECKE & DEVRIENT (DE)	GIESECKE & DEVRIENT (DE)	GIESECKE & DEVRIENT (DE)

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2001-06-26	PT01956276T	2001-06-26	WODE0102301	2001-06-26	EP01956276	2000-10-04	DE10049146	2001-06-26	AU7836101	2001-08-01	ES01969560T	2001-08-01	DE50115346	2000-09-29	DE10048812	2001-08-01	AT01969560T	2003-09-02	US10381462	2001-08-01	WOEP0108879	2001-08-01	EP01969560
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2007-11-19	PT1323274			2007-08-08	EP1323274	2008-11-20				2010-03-25	ES2339104	2010-02-15	DE50115346	2005-07-28	DE10048812	2010-02-15	AT457237	2007-03-13	US7188776			2010-02-10	EP1322478
26/06/2002		26/06/2002		26/06/2002		04/10/2001		26/06/2002		01/08/2002		01/08/2002		29/09/2001		01/08/2002		02/09/2004		01/08/2002		01/08/2002	
26/06/2001		26/06/2001		26/06/2001		04/10/2000		26/06/2001		01/08/2001		01/08/2001		29/09/2000		01/08/2001		02/09/2003		01/08/2001		01/08/2001	
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(E) SCHUCHART GOETZ (DE))	(A1) SCHUCHART GOETZ (DE))	(A1) SCHUCHART GOETZ (DE)	(A1) SCHUCHART GOETZ (DE)	(A1) SCHUCHART GOETZ (DE)	(A) SCHUCHART GOETZ	(A1) SCHUCHART GOETZ (DE))			(T3) SCHUMACHE R MATTHIAS (DE)); FISCHER DIRK (DE))	(D1) SCHUMACHE R MATTHIAS (DE)); FISCHER DIRK (DE))	(A1) SCHUMACHE R MATTHIAS (DE); FISCHER DIRK (DE)	(T) SCHUMACHE R MATTHIAS (DE)); FISCHER DIRK (DE))	(A1) SCHUMACHE R MATTHIAS (DE); FISCHER DIRK (DE)	(A1) SCHUMACHE R MATTHIAS (DE); FISCHER DIRK (DE)	(A1) SCHUMACHE R MATTHIAS (DE); FISCHER DIRK (DE))	(A1) SCHUMACHE R MATTHIAS (DE); FISCHER DIRK (DE))	(A1) SCHUMACHE R MATTHIAS (DE); FISCHER DIRK (DE))	(A1) SCHUMACHE R MATTHIAS (DE); FISCHER DIRK (DE)	(A1) SCHUMACHE R MATTHIAS (DE); FISCHER DIRK (DE)	(A1) SCHUMACHE R MATTHIAS (DE); FISCHER DIRK (DE))	(A1) SCHUMACHE R MATTHIAS (DE); FISCHER DIRK (DE))	(A1) SCHUMACHE R MATTHIAS (DE); FISCHER DIRK (DE)	
ORGA SYSTEMS (DE))	ORGA KARTENSYS ME GMBH (DE)	ORGA SYSTEMS (DE)	ORGA SYSTEM GMBH	ORGA KARTENSYS ME GMBH	ORGA KARTENSYS ME GMBH	ORGA SYSTEM GMBH		ORGA KARTENSYS ME GMBH	UNICA TECHNOLOGY AG	UNICA TECHNOLOGY AG (CH)	UNICA TECHNOLOGY AG	UNICA TECHNOLOGY AG (CH)	UNICA TECHNOLOGY AG	UNICA TECHNOLOGY AG	UNICA TECHNOLOGY AG	UNICA TECHNOLOGY AG (CH)	ORGA SYSTEMS GMBH (DE)	FISCHER DIRK (DE), ORGA KARTENSYS ME GMBH (DE)	FISCHER DIRK (DE), ORGA KARTENSYS ME GMBH (DE)	FISCHER DIRK (DE), ORGA KARTENSYS ME GMBH (DE)	FISCHER DIRK (DE), ORGA KARTENSYS ME GMBH (DE)	UNICA TECHNOLOGY AG	

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ORGA KARTENSYSTE M GMBH	SAGEM ORGA GMBH	Atlantic Zeiser GmbH	ATLANTIC ZEISER GMBH	SAGEM ORGA GMBH	SAGEM ORGA GmbH	SAGEM ORGA GmbH	SAGEM ORGA GmbH	SAGEM ORGA GmbH	ORGA Kartensystem e GmbH	BOEWE CARDTEC (DE)	BOEWE CARDTEC GMBH (DE)

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2002-05-16	2006-08-10	2006-07-15	2002-05-02	2003-07-23	2005-05-12	2002-05-08	2002-05-06	2004-04-14	2008-03-01	2007-09-20	2007-08-15
DE10055328	DE50110358	AT331992	WO20023544 4	EP1328893	US200510246 4	DE10053264	AU20022236 10	CN1489742	ES2291336	DE50112839	AT369686
2007-11-22	2006-08-10	2006-07-15		2006-06-28	2006-01-17			2007-05-02	2008-03-01	2007-09-20	2007-08-15
DE10055328	DE50110358	AT331992		EP1328893	US6986926			CN1313961	ES2291336	DE50112839	AT369686
08/11/2001	11/10/2002	11/10/2002	11/10/2002	11/10/2002	03/09/2004	26/10/2001	11/10/2002	11/10/2002	26/06/2002	26/06/2002	26/06/2002
08/11/2000	11/10/2001	11/10/2001	11/10/2001	11/10/2001	03/09/2003	26/10/2000	11/10/2001	11/10/2001	26/06/2001	26/06/2001	26/06/2001
DE10055328	DE10053264	DE10053264	DE10053264	DE10053264	DE10053264	DE10053264	DE10053264	DE10053264	DE10049146	DE10049146	DE10049146
(A1) FROST JOHANNES (DE)	(D1) FANNASCH LOTHAR ((DE)); HENNEMEYE R- SCHWENKNE R MICHAEL ((DE)); SCHUMACHE R MATTHIAS ((DE))	(T) FANNASCH LOTHAR ((DE)); HENNEMEYE R- SCHWENKNE R MICHAEL ((DE)); SCHUMACHE R MATTHIAS ((DE))	(A1) FANNASCH LOTHAR ((DE)); HENNEMEYE R- SCHWENKNE R MICHAEL ((DE)); SCHUMACHE R MATTHIAS ((DE))	(A1) FANNASCH LOTHAR (DE); HENNEMEYE R- SCHWENKNE R MICHAEL (DE); SCHUMACHE R MATTHIAS (DE)	(A1) FANNASCH LOTHAR (DE); HENNEMEYE R- SCHWENKNE R MICHAEL (DE); SCHUMACHE R MATTHIAS (DE)	(A1) FANNASCH LOTHAR ((DE)); HENNEMEYE R- SCHWENKNE R MICHAEL ((DE)); SCHUMACHE R MATTHIAS ((DE))	(A) FANNASCH LOTHAR; HENNEMEYE R- SCHWENKNE R MICHAEL; R MATTHIAS; FISCHER DIRK	(A) FANNASCH LOTHAR (DE); HENNEMEYE R- SCHWENKNE R MICHAEL (DE); SCHUMACHE R MATTHIAS (DE)	(T3) SCHUCHART GOETZ ((DE))	(D1) SCHUCHART GOETZ ((DE))	(T) SCHUCHART GOETZ ((DE))
SAGEM ORGA GMBH (DE)	U NICA TECHNOLOGY AG	ORGA SYSTEM GMBH (DE)	HENNEMEYE R SCHWENKNE R MICHAEL (DE), ORGA KARTENSYS TE M GMBH (DE	U NICA TECHNOLOGY AG	U NICA TECHNOLOGY	ORGA SYSTEM GMBH	ORGA KARTENSYS TE M GMBH	U NICA TECHNOLOGY AG	ORGA SYSTEMS	ORGA SYSTEMS ((DE))	ORGA SYSTEMS ((DE))

2002-02-08	2002-02-08	2002-02-08	2002-02-08	2001-02-13	2001-11-06	2000-11-25	2001-11-07	2001-11-07	2001-11-07	2001-11-19	2000-11-20
AT02717945T	EA200300885	WODE02004 64	EP02717945	DE10106904	ES200109977 87	DE10058638	WODE01041 46	EP01997787	AU2154702	EP01127547	DE10057477
2008-04-15	2005-06-30	2002-08-22	2003-11-26	2002-08-29	2014-03-13	2002-06-13	2002-05-30	2004-01-14	2002-06-03	2002-05-22	2002-05-29
AT391369	EA005837	WO02065355	EP1364332	DE10106904	ES2447990	DE10058638	WO20024301 2	EP1380017	AU20022154	EP1207492	DE10057477
2008-04-15			2008-04-02					2014-01-01			2007-05-24
AT391369	EA005837		EP1364332					EP1380017			DE10057477
08/02/2003	08/02/2003	08/02/2003	08/02/2003	13/02/2002		25/11/2001	07/11/2002	07/11/2002	07/11/2002	19/11/2002	20/11/2001
08/02/2002	08/02/2002	08/02/2002	08/02/2002	13/02/2001	06/11/2001	25/11/2000	07/11/2001	07/11/2001	07/11/2001	19/11/2001	20/11/2000
DE10106904	DE10106904	DE10106904	WODE02004 64	DE10106904	WO2001DE0 4146	DE10058638	DE10058638	WODE01041 46	DE10058638	DE10057477	DE10057477
(T) GERDES PETER ((DE)); SCHUCHART GOETZ ((DE)); YAQUB ADNAN ((DE))	(B1) YAQUB ADNAN ((DE)); GERDES PETER ((DE)); SCHUCHART GOETZ ((DE)); YAQUB ADNAN ((DE))	(A2) GERDES PETER (DE); SCHUCHART GOETZ (DE); YAQUB ADNAN (DE)	(A2) GERDES PETER (DE); SCHUCHART GOETZ (DE); YAQUB ADNAN (DE)	(A1) GERDES PETER ((DE)); SCHUCHART GOETZ ((DE)); YAQUB ADNAN ((DE))	(A1) KAPPE FRANK ((DE)); FISCHER DIRK RUEBBELKE HERMANN ((DE)); HENNEMEYE R- SCHWENKER MICHAEL ((DE))	(A2) KAPPE FRANK (DE); FISCHER DIRK RUEBBELKE HERMANN (DE); HENNEMEYE R- SCHWENKER MICHAEL (DE)	(A2) KAPPE FRANK (DE); FISCHER DIRK RUEBBELKE HERMANN (DE); HENNEMEYE R- SCHWENKER MICHAEL (DE)	(A2) KAPPE FRANK ((DE)); FISCHER DIRK RUEBBELKE HERMANN ((DE)); HENNEMEYE R- SCHWENKER MICHAEL ((DE))	(A) KAPPE FRANK; FISCHER DIRK; RUEBBELKE HERMANN; HENNEMEYE R- SCHWENKER MICHAEL	(A2) KOENIG KARL-HEINZ DR (DE); SCHENK JOERG (DE)	(A1) SCHENK JOERG (DE); KOENIG KARL-HEINZ (DE)
ORGA SYSTEMS ((DE))	ORGA KARTENSYS TE M GMBH ((DE))	ORGA KARTENSYS TE ME GMBH ((DE))	ORGA KARTENSYS TE M GMBH , ORGA SYSTEM ENABLING SERVICE	ORGA KARTENSYS TE ME GMBH ((DE))	UNICA TECHNOLOGY AG (CH)	UNICA TECHNOLOGY AG	ORGA KARTENSYS TE M GMBH ((DE))	UNICA TECHNOLOGY AG	ORGA KARTENSYS TE M GMBH	SAGEM ORGA GMBH	SAGEM ORGA GMBH (DE)

1997-11-18	DE19751172	1998-10-29	US09182190	EP98120907	1997-09-24	1998-08-17	1998-07-09	DE199713608 2	DE19829724	1998-07-10	1998-07-10	1998-07-10	1998-07-09
2003-08-14	DE19751172	2002-03-12	US0356789	EP98120907	1999-06-02	2001-10-02	1999-02-24	DE19736082	DE19829724	2002-11-16	2002-06-13	2002-05-15	1999-02-24
2003-08-14	DE19751172	2002-03-12	US0356789	EP98120907	1999-06-02	2001-10-02		DE19736082	DE19829724	2002-11-16	2008-05-15	2008-04-15	1999-02-24
18/11/1998	DE19751172	29/10/1999	US6356789	EP98120907	24/09/1998	17/08/1999	09/07/1999			10/07/1999	10/07/1999	10/07/1999	09/07/1999
18/11/1997	DE19751172	29/10/1998	US6356789	EP98120907	24/09/1997	17/08/1998	09/07/1998	19/08/1997	02/07/1998	10/07/1998	10/07/1998	10/07/1998	09/07/1998
DE19751172	DE19751172	DE199714920 5	DE19751172	DE19749205	DE19742268	DE19736082	DE19736082	DE199713608 2	DE19829724	DE19736063	DE59804029	DE19736063	DE19736063
(A1) SEELBACH FRANK (DE); SOCHART HEIKO (DE)	(B1) HINSSEN HANS-JOSEF (DE); ZOLLNER HEINZ MICHAEL (DE)	(A2) ZOELLNER HEINZ (DE); HINSSEN HANS-JOSEF (DE)	(C1) BLOME RAINER (DE)	(B1) FISCHER DIRK (DE)	(A1) FISCHER DIRK DR (DE)	(A1) FISCHER DIRK (DE)	(A1) FISCHER DIRK (DE)	(A1) FISCHER DIRK (DE)	(A1) FISCHER DIRK (DE)	(T3) FISCHER DIRK DR (DE)	(D1) FISCHER DR (DE)	(T) FISCHER DIRK DR (DE)	(A1) FISCHER DIRK DR (DE)
ORGA KARTENSYS TE M GMBH, SAGEM ORGA GMBH	Medtronic Inc., ORGA Kartensystem e GmbH	MEDTRONIC INC (NL), MORPHO CARDS GMBH (DE), SAGEM ORGA GMBH	SAGEM ORGA GMBH	ORGA Kartensystem e GmbH	ORGA KARTENSYS TE M GMBH	SAGEM ORGA GMBH	SAGEM ORGA GMBH	SAGEM ORGA GMBH	SAGEM ORGA GMBH	ORGA Kartensystem e GmbH	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH	ORGA KARTENSYS TE M GMBH

1999-03-04	1999-03-04	1999-11-11	1999-03-03	1999-03-03	1999-03-03	1998-03-12	1997-11-22	1998-11-19	1998-11-03	1999-09-29	1998-11-02	1998-11-02
DE59913127	AT99913108T	US09423692	WODE9900585	EP99913108	EP99913108	DE19810926	DE19751868	EP98122036	BR9806780	US09341752	WODE9803199	EP98962199
2006-04-20	2006-03-15	2002-07-02	1999-09-23	2006-02-15	2002-11-14	2002-11-14	1999-07-08	1999-05-25	2000-05-16	2002-02-12	1999-06-03	1999-11-17
DE59913127	AT318053	US6415160	WO9948313	EP99913108	DE19810926	DE19810926	DE19751868	EP0918301	BR9806780	US6345761	WO9927500	EP0956541
2006-04-20	2007-06-15	2002-07-02		2006-02-15	2002-11-14	2002-11-14	1999-07-08		2000-05-16	2002-02-12		2004-04-01
DE59913127	AT318053	US6415160		EP99913108	DE19810926	DE19810926	DE19751868		BR9806780	US6345761		
04/03/2000	04/03/2000	11/11/2000	03/03/2000				22/11/1998	19/11/1999	03/11/1999	29/09/2000	02/11/1999	02/11/1999
04/03/1999	04/03/1999	11/11/1999	03/03/1999	03/03/1999	12/03/1998	12/03/1998	22/11/1997	19/11/1998	03/11/1998	29/09/1999	02/11/1998	02/11/1998
DE19810926	DE19810926	DE19810926	DE19810926	DE19810926	DE19810926	DE19810926	DE19751868	DE19751868	DE19751172	DE19751172	DE19751172	WODE9803199
(D1) WICHMANN FRIEDRICH (DE)	(T) WICHMANN FRIEDRICH (DE)	(B1) WICHMANN FRIEDRICH (DE)	(A1) WICHMANN FRIEDRICH (DE)	(A1) WICHMANN FRIEDRICH (DE)	(A1) WICHMANN FRIEDRICH (DE)	(A1) WICHMANN FRIEDRICH (DE)	(C1) SOCHART HEIKO (DE); SEELBACH FRANK (DE)	(A2) SOCHART HEIKO (DE); SEELBACH FRANK (DE)	(A) SEELBACH FRANK; SOCHART HEIKO	(B1) SEELBACH FRANK (DE); SOCHART HEIKO (DE)	(A1) SEELBACH FRANK (DE); SOCHART HEIKO (DE)	(A1) SEELBACH FRANK (DE); SOCHART HEIKO (DE)
ORGA SYSTEM GMBH	ORGA SYSTEM ENABLING SERVICE (DE)	REDKNEE INC	ORGA KARTENSYSYSTEME GMBH (DE)	ORGA SYSTEM GMBH	REDKNEE INC	ORGA CONSULT GMBH (DE)	ORGA CONSULT GMBH (DE)	ORGA CONSULT (DE)	ORGA CONSULT GMBH	ORGA Kartensysteme GmbH	ORGA CONSULT (DE)	ORGA CONSULT (DE)

2002-06-17	2001-06-15	2002-02-25	2002-02-25	2002-02-25	2002-02-25	2001-03-30	2001-08-20	2002-02-08	2003-08-12	2002-02-08	2002-02-08
WO0202021 96	DE10128655	DE50209161	AT02717972T	EP02717972	WO0202006 63	DE10115949	US29146986	ES02717945T	ECSP034722	DE50212017	BR0207183
2002-12-27	2003-01-02	2007-02-15	2007-01-15	2004-01-02	2002-10-10	2002-10-02	2003-08-26	2008-10-16	2003-10-28	2008-05-15	2005-01-11
WO02103625	DE10128655	DE50209161	AT350223	EP1372975	WO02078965	DE10115949	USD478906	ES2304431	ECSP034722	DE50212017	BR0207183
	2005-12-15	2007-02-15	2007-01-15	2007-01-03			2003-08-26	2008-10-16		2008-05-15	1999-11-30
	DE10128655	DE50209161	AT350223	EP1372975			USD478906	ES2304431		DE50212017	
17/06/2003	15/06/2002	25/02/2003	25/02/2003	25/02/2003	25/02/2003	30/03/2002	20/08/2002	08/02/2003	12/08/2004	08/02/2003	08/02/2003
17/06/2002	15/06/2001	25/02/2002	25/02/2002	25/02/2002	25/02/2002	30/03/2001	20/08/2001	08/02/2002	12/08/2003	08/02/2002	08/02/2002
DE10128655	DE10128655	DE10115949	DE10115949	WO0202006 63	DE10115949	DE10115949	DE40101759F	DE10106904	DE10106904	DE10106904	DE10106904
(A1) OSTERWALD FRANK (DE)	(A1) OSTERWALD FRANK (DE)	(D1) BORMANN C (DE); FISCHER DIRK (DE); KAPPE FRANK (DE); SCHUMACHE R MATTHIAS (DE)	(T) BORMANN FRANK C (DE); FISCHER DIRK (DE); KAPPE FRANK (DE); SCHUMACHE R MATTHIAS (DE)	(A1) BORMANN FRANK C (DE); FISCHER DIRK (DE); KAPPE FRANK (DE); SCHUMACHE R MATTHIAS (DE)	(A1) BORMANN FRANK C (DE); FISCHER DIRK (DE); KAPPE FRANK (DE); SCHUMACHE R MATTHIAS (DE)	(A1) BORMANN FRANK C (DE); FISCHER DIRK (DE); SCHUMACHE R MATTHIAS (DE); KAPPE FRANK (DE)	(S1) RICHTER JEN (DE)	(T3) GERDES PETER (DE); SCHUCHART GOETZ (DE); YAQUB ADNAN (DE)	(A) GERDES PETER; SCHUCHART GOETZ; YAQUB ADNAN	(D1) GERDES PETER (DE); SCHUCHART GOETZ (DE); YAQUB ADNAN (DE)	(A) YAQUB ADNAN; GERDES PETER; SCHUCHART GOETZ
ORGA KARTENSYS TE ME GMBH (DE)	SAGEM ORGA GMBH	BOEWE CARDTEC (DE)	BOEWE CARDTEC (DE)	BOEWE CARDTEC (DE)	ORGA KARTENSYS TE M GMBH (DE)	BOWE CARDTEC GMBH	ORGA KARTENSYS TE ME GMBH	ORGA SYSTEM GMBH	ORGA KARTENSYS TE M GMBH	ORGA SYSTEMS (DE)	ORGA KARTENSYS TE ME GMBH (DE)

1999-04-16	1999-04-16	1999-04-16	1999-04-16	1999-04-16	1999-04-15	1999-04-15	2000-10-18	1998-04-14	1999-03-09	1999-03-09	1998-04-21
IL13906799	HU0101509	PL34349099	WOEP990255 5	CA2329220	EP99916923	CN99806096	IN0517/MUM NP/2000	DE19816541	US09264820	EP99104641	DE19817895
2001-11-25	2001-09-28	2001-08-27	1999-10-28	1999-10-28	2001-02-07	2001-06-20	2005-07-15	1999-10-21	2002-04-09	1999-10-13	1999-10-21
IL139067	HU0101509	PL343490	WO9954844	CA2329220	EP1073999	CN1300410	IN0517/MUM NP/2000	DE19816541	US6370374	EP0949833	DE19817895
							2006-07-15	2001-05-10	2002-04-09	2006-09-01	
								DE19816541	US6370374		
16/04/2000	16/04/2000	16/04/2000	16/04/2000	16/04/2000	15/04/2000	15/04/2000	18/10/2001	14/04/1999	09/03/2000	09/03/2000	21/04/1999
16/04/1999	16/04/1999	16/04/1999	16/04/1999	16/04/1999	15/04/1999	15/04/1999	18/10/2000	14/04/1998	09/03/1999	09/03/1999	21/04/1998
DE19817297	DE19817297	DE19817297	DE19817297	DE19817297	DE19817297	DE19817297	DE198172974	DE19816541	DE19816084	DE19816084	DE19817895
(A2) WEBER UWE (DE)	(A2) WEBER UWE (DE)	(A1) WEBER UWE ((DE))	(A1) WEBER UWE ((DE))	(A1) WEBER UWE ((DE))	(A1) WEBER UWE ((DE))	(A) WEBER UWE ((DE))	(A) WEBER UWE	(A1) EICHINGER SIEGFRIED (US)	(B1) EICHINGER SIEGFRIED ((US)); BARBALACE FRANK ((US))	(A2) EICHINGER SIEGFRIED (US)	(A1) EICHINGER SIEGFRIED ((US))
BUNDESDRU CKEREI	BUNDESDRU CKEREI (DE)	BUNDESDRU CKEREI ((DE))	BUNDESDRU CKEREI ((DE))	BUNDESDRU CKEREI ((DE))	BUNDESDRU CKEREI ((DE))	BUNDESDRU CKEREI ((DE))	BUNDESDRU CKEREI ((DE))	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH ((DE)

2001-09-24	2001-08-24	2001-08-24	2001-08-20	2002-08-12	2002-08-12	2002-08-12	2002-08-12	2002-08-12	2002-08-12	2001-07-09	2002-06-16
DE10146870	DE10140662	DE10140661	DE10139889	ES02776656T	DE50204705	AT02776656T	EP02776656	WO003017612	DE10138381	DE10132525	AU20020320880
2003-04-24	2003-03-20	2003-01-16	2003-01-30	2006-05-16	2005-12-01	2005-11-15	2004-05-19	2003-02-27	2003-03-06	2003-01-30	2003-01-02
DE10146870	DE10140662	DE10140661	DE10139889	ES2252518	DE50204705	AT308192	EP1419638	WO003017612	DE10138381	DE10132525	AU2002220880
2013-03-28	2003-03-20	2003-01-16	2003-01-30	2006-05-16		2005-11-15	2005-10-26		2005-04-07	2006-03-09	
DE10146870	DE10140662	DE10140661	DE10139889	ES2252518		AT308192	EP1419638		DE10138381	DE10132525	
24/09/2002	24/08/2002	24/08/2002	20/08/2002	12/08/2003	12/08/2003	12/08/2003	12/08/2003	12/08/2003	13/08/2002	09/07/2002	
24/09/2001	24/08/2001	24/08/2001	20/08/2001	12/08/2002	12/08/2002	12/08/2002	12/08/2002	12/08/2002	13/08/2001	09/07/2001	16/06/2002
DE10146870	DE10140662	DE10140661	DE10139889	DE10138381	DE10138381	DE10138381	WO003017612	DE10138381	DE10138381	DE10132525	DE10128655
(A1) ZANDER JOERG (DE)	(C1) OSTERWALD FRANK (DE); SENGE CARSTEN (DE); MENTZER RUEDIGER (DE)	(C1) OSTERWALD FRANK (DE)	(C1) LOWAG DIRK (DE)	(T3) STURM OLIVER (DE)	(D1) STURM OLIVER (DE)	(T) STURM OLIVER (DE)	(A2) STURM OLIVER (DE)	(A2) STURM OLIVER (DE)	(A1) STURM OLIVER (DE)	(A1) OSTERWALD FRANK (DE)	(A1) OSTERWALD FRANK (DE)
SAGEM ORGA GMBH	SAGEM ORGA GMBH	SAGEM ORGA GMBH	SAGEM ORGA GMBH	ORGA SYSTEMS ENABLING SERVICES	ORGA SYSTEMS ENABLING SERVICES (DE)	ORGA SYSTEMS ENABLING SERVICES (DE)	ORGA SYSTEMS ENABLING SERVICES (DE)	ORGA KARTENSYS TE ME GMBH (DE)	REDKNEE INC	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH (DE), ORGA KARTENSYS TE M GMBH (DE)

2002-05-08	2002-05-08	2001-10-26	2002-10-09	2001-10-12	2002-10-10	2002-09-20	2001-10-01	2002-10-01	2002-10-01	2002-09-27	2001-09-28
EP02742734	JP200354195 4	DE10152315	AU20020350 523	DE10150194	WOEP021135 8	AU20020342 519	DE10148525	WODE02037 41	EP02779136	FR0211982	DE10148105
2004-07-28	2006-01-05	2003-05-15	2003-04-28	2003-04-17	2003-04-24	2003-04-22	2003-04-10	2003-04-17	2004-06-30	2003-04-04	2003-04-17
EP1439964	JP200650023 8	DE10152315	AU20020350 523	DE10150194	WO03034332	AU20020342 519	DE10148525	WO03032245	EP1433128	FR2830355	DE10148105
2007-12-19	2007-12-05	2006-06-14		2013-08-22			2017-06-01		2005-04-02	2006-07-07	
EP1439964	JP4018632	DE10152315		DE10150194			DE10148525		EP1433128	FR2830355	
08/05/2003	08/05/2003	26/10/2002		12/10/2002	10/10/2003		01/10/2002	01/10/2003	01/10/2003	27/09/2003	28/09/2002
08/05/2002	08/05/2002	26/10/2001	09/10/2002	12/10/2001	10/10/2002	20/09/2002	01/10/2001	01/10/2002	01/10/2002	27/09/2002	28/09/2001
WODE02016 75	WODE01041 54	DE10152315	DE200100501 94	DE10150194	DE10150194	DE200100485 25	DE10148525	DE10148525	WODE02037 41	DE10148105	DE10148105
(A1) LUTZ NORBERT (DE); ZINNER GERHARD (DE); SCHUMACHE R MATTHIAS (DE); KNAACK ULRICH (DE); FISCHER DIRK (DE)	(A) ROOTS NORBERT; TSU-INA GERHARD; SCHUMACHE R MATTHIAS; KUNARK ULRICH; FISHER DIRK [machine translation]	(A1) ROEHRS FALKO (DE); ROSACKER MICHAEL (DE); SCHMARJE STEFAN (DE)	(A1) HAHN ENRICO (DE)	(A1) HAHN ENRICO (DE)	(A1) HAHN ENRICO (DE)	(A1) ZANDER JOERG (DE); DOHSE STEFAN (DE)	(A1) ZANDER JOERG (DE); DOHSE STEFAN (DE)	(A1) DOHSE STEFAN (DE); ZANDER JOERG (DE)	(A1) DOHSE STEFAN (DE); ZANDER JOERG (DE)	(A1) DOHSE STEFAN; ZANDER JORG	(A1) ZANDER JOERG (DE); DOHSE STEFAN (DE)
LEONHARD KURZ STIFTUNG (DE); ORGA SYSTEMS (DE)	LEONARD KURZ & KOMPANIET CAR GAME; OLGA M STURGIS UNREAL	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH (DE) ORGA KARTENSYS TE M GMBH (IDE)	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH (DE)	ORGA KARTENSYS TE M GMBH (IDE)	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH (DE)	ORGA KARTENSYS TE M GMBH (DE)	ORGA KARTENSYS TE M GMBH (DE)	SAGEM ORGA GMBH

1999-07-06	DK99113007 T	1999-07-06	1999-07-06	1999-08-20	1999-07-06	1998-08-20	1998-07-23	1999-06-19	1999-06-18	1999-06-18	1999-05-18	1999-07-06
2006-06-06	DE59913105	2006-02-15	2004-04-20	2006-02-08	2000-02-24	2007-05-10	1999-08-26	2000-01-26	2005-08-01	2005-06-09	2005-05-15	2002-04-09
DK0981115	DE59913105	AT317579	US6725374	EP0981115	DE19837808	DE19837808	DE19833103	EP0974928	ES2237866	DE59912004	AT294976	US6367702
2006-06-06	2006-04-20	2006-02-15	2004-04-20	2006-02-08	2007-05-10	2007-05-10	1999-08-26		2005-08-01	2005-06-09	2005-05-15	2002-04-09
DK0981115	DE59913105	AT317579	US6725374	EP0981115	DE19837808	DE19837808	DE19833103		ES2237866	DE59912004	AT294976	US6367702
06/07/2000	06/07/2000	06/07/2000	20/08/2000	06/07/2000	20/08/1999	20/08/1999	23/07/1999	19/06/2000	18/06/2000	18/06/2000	18/06/2000	06/07/2000
06/07/1999	06/07/1999	06/07/1999	20/08/1999	06/07/1999	20/08/1998	20/08/1998	23/07/1998	19/06/1999	18/06/1999	18/06/1999	18/06/1999	06/07/1999
DE19837808	DE19837808	DE19837808	DE19837808	DE19837808	DE19837808	DE19837808	DE19833103	DE19833103	DE19830526	DE59912004	DE19830526	DE19830526
(T3) JAHNICH MICHAEL DR (DE); WUEPPENHO RST GUIDO (DE); DOPPMER WERNER (DE)	(D1) JAHNICH DR (DE); WUEPPENHO RST GUIDO (DE); DOPPMER WERNER (DE)	(T) JAHNICH MICHAEL DR (DE); WUEPPENHO RST GUIDO (DE); DOPPMER WERNER (DE)	(B1) JAHNICH MICHAEL (DE); WUEPPENHO RST GUIDO (DE); DOPPMER WERNER (DE)	(A2) JAHNICH MICHAEL DR (DE); WUEPPENHO RST GUIDO (DE); DOPPMER WERNER (DE)	(A1) JAHNICH MICHAEL (DE); WUEPPENHO RST GUIDO (DE); DOPPMER WERNER (DE)	(C1) ISBERNER ROLAND (DE)	(A2) ISBERNER ROLAND (DE)	(T3) DIETRICH HANNO (DE); ROTTMANN ANDREAS (DE)	(D1) DIETRICH HANNO (DE); ROTTMANN ANDREAS (DE)	(T) DIETRICH HANNO (DE); ROTTMANN ANDREAS (DE)	(B1) DIETRICH HANNO (DE); ROTTMANN ANDREAS (DE)	
SAGEM ORGA GMBH (DE)	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH (DE)	ORGA Kartensystem e GmbH	SAGEM ORGA GMBH	SAGEM ORGA GMBH	SAGEM ORGA GMBH	SAGEM ORGA GMBH	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH (DE)	ORGA KARTENSYS TE M GMBH (DE)	ORGA Kartensystem e GmbH	

[illegible]

2003-10-13	1998-11-06	1998-10-20	1999-09-30	1999-09-30	1999-09-30	1999-09-30	1999-09-30	1999-09-30	1998-10-14	1999-08-26	1999-08-26	1999-08-26	1999-08-26
US10685367	DE19851195	DE19848193	ES99119433T	DE59908087	AT99119433T	EP99119433	DE19847414	DE19847414	DE19847414	PT99953596T	ES99953596T	DE59905995	AT99953596T
2004-04-22	2000-05-11	1999-11-11	2004-09-16	2004-01-29	2004-01-15	2000-04-19	2000-04-20	2003-11-28	2004-04-01	2003-07-24	2003-07-15		
US200407527 1	DE19851195	DE19848193	ES2214786	DE59908087	AT256903	EP0994446	DE19847414	DE19847414	PT1045761	ES2203197	AT243117		
2009-06-16	2003-01-16	1999-11-11	2004-09-16	2004-01-29	2005-12-15	2003-12-17	2003-09-25	2003-11-28	2004-04-01	2003-07-24	2003-07-15		
US7547045	DE19851195	DE19848193	ES2214786	DE59908087	AT256903	EP0994446		PT1045761	ES2203197	DE59905995	AT243117		
13/10/2004	06/11/1999	20/10/1999	30/09/2000	30/09/2000	30/09/2000	30/09/2000	14/10/1999	26/08/2000	26/08/2000	26/08/2000	26/08/2000		
13/10/2003	06/11/1998	20/10/1998	30/09/1999	30/09/1999	30/09/1999	30/09/1999	14/10/1998	26/08/1999	26/08/1999	26/08/1999	26/08/1999		
US68536703	DE19851195	DE19848193	DE19847414	DE19847414	DE19847414	DE19847414	DE19847414	DE19840631	DE19840631	DE19840631	DE19840631		
(A1) FISCHER DIRK (DE); HENN RALF (DE)	(A1) OHLERT BERND (DE)	(C1) FREITAG WERNER (DE)	(T3) FRETTER RALF (DE); HESSE- PFENNINGS UTA (DE); SCHWIER ANDREAS (DE)	(D1) FRETTER RALF (DE); HESSE- PFENNINGS UTA (DE); SCHWIER ANDREAS (DE)	(T) FRETTER RALF (DE); HESSE- PFENNINGS UTA (DE); SCHWIER ANDREAS (DE)	(A2) FRETTER RALF (DE); HESSE- PFENNINGS UTA (DE); SCHWIER ANDREAS (DE)	(A1) FRETTER RALF (DE); HESSE- PFENNINGS UTA (DE); SCHWIER ANDREAS (DE)	(E) FISCHER DIRK (DE); HENN RALF (DE)	(T3) FISCHER DIRK (DE); HENN RALF (DE)	(D1) FISCHER DIRK (DE); HENN RALF (DE)	(T) FISCHER DIRK (DE); HENN RALF (DE)		
LOHMANN; MORPHO	SAGEM ORGA GMBH	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH (DE)	Orga Kartensystem e GmbH	ORGA CONSULT (DE)	LOHMANN GMBH & CO KG (DE)	LOHMANN GMBH & CO KG (DE)	LOHMANN GMBH & CO KG (DE)	LOHMANN GMBH & CO KG (DE)		

2003-02-19	2002-02-19	2002-01-23	2002-01-23	2002-01-23	2003-01-16	2003-01-16	2003-01-16	2003-01-16	2003-01-16	2002-01-16	2002-01-03
AU20032155 10	DE10207000	DE10202646	DE10202643	DE10202641	DE50302120	AT03702332T	WODE03001 01	AU20032055 22	EP03702332	DE10201627	DE10200035
2003-09-09	2003-09-04	2003-07-31	2003-07-31	2003-07-31	2006-03-30	2006-02-15	2003-07-24	2003-07-30	2004-10-20	2003-07-31	2003-07-24
AU20032155 10	DE10207000	DE10202646	DE10202643	DE10202641	DE50302120	AT315318	W003061319	AU20032055 22	EP1468583	DE10201627	DE10200035
	2003-12-11	2010-02-12	2004-09-16	2005-10-06	2006-03-30	2006-02-15			2006-04-26	2006-05-04	2003-12-24
	DE10207000	DE10202646	DE10202643	DE10202641	DE50302120	AT315318			EP1468583	DE10201627	DE10200035
19/02/2004	19/02/2003	23/01/2003	23/01/2003	23/01/2003	16/01/2004	16/01/2004	16/01/2004	16/01/2004	16/01/2004	16/01/2003	03/01/2003
19/02/2003	19/02/2002	23/01/2002	23/01/2002	23/01/2002	16/01/2003	16/01/2003	16/01/2003	16/01/2003	16/01/2003	16/01/2002	03/01/2002
DE10207000	DE10207000	DE10202646	DE10202643	DE10202641	DE10201627	DE10201627	DE10201627	DE10201627	WODE03001 01	DE10201627	DE10200035
(A1) DOHSE STEFAN	(A1) DOHSE STEFAN (DE)	(A1) DARMING WERNER (DE); KRUPKE FRANK (DE); MAYER- WITTECK UDO (DE); SEEMANN VOLKER (DE)	(A1) DARMING WERNER (DE); KRUPKE FRANK (DE); MAYER- WITTECK UDO (DE); SEEMANN VOLKER (DE)	(A1) DARMING WERNER (DE); KRUPKE FRANK (DE); MAYER WITTECK UDO (DE); SEEMANN VOLKER (DE)	(D1) ROHNER CHRISTOPH (DE)	(T) ROHNER CHRISTOPH (DE)	(A1) ROHNER CHRISTOPH (DE)	(A1) ROHNER CHRISTOPH	(A1) ROHNER CHRISTOPH (DE)	(A1) ROHNER CHRISTOPH (DE)	(A1) OSTERWALD FRANK (DE); KOENIG KARL-HEINZ (DE)
ORGA KARTENSYS TE M GMBH	SAGEM ORGA GMBH	BOWE CARDTEC GMBH	ATLANTIC ZEISER GMBH	BOWE CARDTEC GMBH	ORGA SYSTEM GMBH	ORGA KARTENSYS TE M GMBH (DE)	ORGA KARTENSYS TE M GMBH (DE)	ORGA KARTENSYS TE M GMBH	ORGA SYSTEM GMBH	REDKNEE INC	SAGEM ORGA GMBH

2003-12-01	2004-03-21	2000-09-13	1999-08-26	1999-08-26	1999-08-26	1998-11-21	1998-09-05	1998-10-21	1998-08-25	1999-07-24	1999-07-06	1999-07-06
US200306853 67	US200408069 00	US200006004 52	WODE99026 63		EP99953596	DE19853755	DE19840631	DE19848378	DE19838482	EP99114564	PT99113007T	ES99113007T
2009-06-16	2007-04-10	2004-11-16	2000-03-16		2000-10-25	2000-05-25	2000-03-09	2000-03-09	2000-03-16	2000-04-26	2006-06-30	2006-08-16
US7547045	US7201953	US6817630	WO20001389 9		EP1045761	DE19853755	DE19840631	DE19848378	DE19838482	EP0996325	PT981115	ES2258306
2009-09-16	2007-04-10	2004-11-16			2003-06-18	2010-04-01	2001-06-13	2000-11-30	2000-03-16	2006-09-06	2006-06-30	2006-08-16
US7547045	US7201953	US6817630			EP1045761		DE19840631	DE19848378	DE19838482	EP0996325	PT981115	ES2258306
			26/08/2000		26/08/2000	21/11/1999	05/09/1999	21/10/1999	25/08/1999	24/07/2000	06/07/2000	06/07/2000
01/12/2003	21/03/2004	13/09/2000	26/08/1999	26/08/1999	26/08/1999	21/11/1998	05/09/1998	21/10/1998	25/08/1998	24/07/1999	06/07/1999	06/07/1999
US80690004	US80690004	US80690004	DE19840631	DE19840631	DE199814063 1	DE19853755	DE19840631	DE19848378	DE19838482	DE19838482	DE19837808	DE19837808
(A1) FISCHER DIRK (DE); HENN RALF (DE)	(A1) FISCHER DIRK (DE); HENN RALF (DE)	(A1) FISCHER DIRK (DE); HENN RALF (DE)	(A1) FISCHER DIRK (DE); HENN RALF (DE);	(A1) FISCHER DIRK (DE); HENN RALF (DE);	(A1) FISCHER DIRK (DE); HENN RALF (DE)	(C2) FISCHER DIRK (DE); HENN RALF (DE)	(C2) FISCHER DIRK (DE); HENN RALF (DE)	(A1) JAHNICH MICHAEL (DE)	(C1) BRAUER WERNER (DE)	(A2) BRAUER WERNER (DE)	(E) JAHNICH MICHAEL DR (DE); GUIDO WUEPPENHO RST (DE); WERNER DOPPMER (DE)	(T3) JAHNICH MICHAEL DR (DE); WUPPENHOR ST GUIDO (DE); DOPPMER WERNER (DE)
LOHMANN GMBH & CO KG (DE)	LOHMANN GMBH & CO KG (DE)	LOHMANN GMBH & CO KG (DE), ORGA KARTENSYS TE M GMBH (DE)	ORGA KARTENSYS TE M GMBH (DE)	ORGA Kartensystem e Gmbh; Lohmann GmbH & Co. KG	LOHMANN GMBH & CO KG, ORGA KARTENSYS TE M GMBH, SAGEM ORGA GMBH	LOHMANN GMBH & CO KG (DE)	LOHMANN GMBH & CO KG (DE)	SAGEM ORGA GMBH	SAGEM ORGA GMBH	SAGEM ORGA GMBH	SAGEM ORGA GMBH	SAGEM ORGA GMBH

2002-05-08	2005-02-16	2002-05-08	2002-05-08	2003-05-05	2003-05-05	2003-05-05	2002-04-03	2002-03-18	2003-02-19
EP02742735	US10513623	JP200450327 9	CN02829280	DE50305003	AT03010114T	EP03010114	DE10214764	DE10212014	W00E03005 14
2005-03-02	2005-08-18	2005-09-29	2005-08-03	2006-10-26	2006-10-15	2003-11-12	2003-10-30	2003-10-23	2003-08-28
EP1509404	US200518149 8	JP200552900 3	CN1649748	DE50305003	AT339294	EP1361034	DE10214764	DE10212014	W003071475
2007-08-22	2007-05-22	2010-02-10	2008-07-30	2006-10-26	2006-10-15	2006-09-13		2006-08-17	
EP1509404	US7220479	JP4411394	CN10040627 5	DE50305003	AT339294	EP1361034		DE10212014	
08/05/2003	16/02/2006	08/05/2003	08/05/2003	05/05/2004	05/05/2004	05/05/2004	03/04/2003	18/03/2003	19/02/2004
08/05/2002	16/02/2005	08/05/2002	08/05/2002	05/05/2003	05/05/2003	05/05/2003	03/04/2002	18/03/2002	19/02/2003
W00E02016 76	W00E02016 76	W00E02016 76	W00E02016 76	DE10220239	DE10220239	DE10220239	DE10214764	DE10212014	DE10207000
(A1) LUTZ NORBERT (DE); ZINNER GERHARD (DE); SCHUMACHE R MATTHIAS (DE); KNAACK ULRICH (DE); FISCHER DIRK	(A1) LUTZ NORBERT (DE); ZINNER GERHARD (DE); SCHUMACHE R MATTHIAS (DE); KNAACK ULRICH (DE); FISCHER DIRK	(A) ROOTS NORBERT; TSU-INA GERHARD; SCHUMACHE R MATTHIAS; KUNARK ULRICH; FISHER DIRK [machine translation]	(A) LUTZ NORBERT (DE); ZINNER GERHARD (DE); SCHUMACHE R MATTHIAS (DE)	(D1) ZANDER JOERG (DE)	(T) ZANDER JOERG (DE)	(A2) ZANDER JOERG (DE)	(A1) ZANDER JOERG (DE)	(B4) KULINNA MICHAEL (DE)	(A1) KULINNA MICHAEL (DE)
KURZ LEONHARD FA (DE), LEONHARD KURZ STIFTUNG & CO, U NICA	U NICA TECHNOLOGY AG	FISCHER DIRK , KNAACK ULRICH, KURZ LEONHARD FA, LUTZ NORBERT,	U NICA TECHNOLOGY AG	SAGEM ORGA GMBH (DE)	SAGEM ORGA GMBH (DE)	Sagem Orga GmbH	SAGEM ORGA GMBH	SAGEM ORGA GMBH (DE)	ORGA KARTENSYSTE M GMBH (DE)

1999-11-13	1999-11-13	1999-11-13	1999-11-13	1999-11-13	1999-11-13	1999-11-13	1999-11-13	1999-11-13	1999-11-13	1999-11-16	1999-11-16	1999-11-16
BR9907784	RU20001228 45	WODE99035 54	EP99957960	DE19855596	CN99802635	AU1549300	ES99963250T	DE59911491	AT99963250T	WODE99036 40	EP99963250	
2000-10-24	2003-11-10	2000-06-08	2000-11-22	2002-10-24	2006-12-13	2002-09-26	2005-07-16	2005-02-24	2005-02-15	2000-06-02	2000-11-08	
BR9907784	RU2216041	WO20003324 7	EP1053532	DE19855596	CN1289428	AU1549300	ES2237195	DE59911491	AT287335	WO20003086 4	EP1049588	
2000-10-24	2003-11-10		2010-01-19	2002-10-24	2006-12-13	2002-09-26	2005-07-16	2005-02-24	2005-02-15		2005-01-19	
BR9907784	RU2216041			DE19855596	CN1289428	AU752627	ES2237195	DE59911491	AT287335		EP1049588	
13/11/2000	13/11/2000	13/11/2000	13/11/2000	02/12/1999	13/11/2000	13/11/2000	16/11/2000	16/11/2000	16/11/2000	16/11/2000	16/11/2000	
13/11/1999	13/11/1999	13/11/1999	13/11/1999	02/12/1998	13/11/1999	13/11/1999	16/11/1999	16/11/1999	16/11/1999	16/11/1999	16/11/1999	
DE19855596	DE19855596	DE19855596	WODE99035 54	DE19855596	DE19855596	DE19855596	DE19853755	DE19853755	DE19853755	DE19853755	DE19853755	
(A) PIETIG ACHIM	(C2) PITIG AKHIM ((DE))	(A1) PIETIG ACHIM ((DE))	(A1) PIETIG ACHIM ((DE))	(A1) PIETIG ACHIM (DE)	(A) PIETIG ACHIM ((DE))	(A) PIETIG ACHIM	(T3) FISCHER DIRK ((DE)); HENN RALF ((DE))	(D1) FISCHER DIRK ((DE)); HENN RALF ((DE))	(T) FISCHER DIRK ((DE)); HENN RALF ((DE))	(A1) FISCHER DIRK ((DE)); HENN RALF ((DE))	(A1) FISCHER DIRK (DE); HENN RALF (DE)	
ORGA KARTENSYS TE M GMBH ((DE)	ORGA KARTENZJUST EME GMBKH ((DE)	ORGA KARTENSYS TE ME GMBH ((DE)	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH	ORGA KARTENSYS TE M GMBH ((DE)	ORGA KARTENSYS TE M GMBH	Lohmann GmbH & Co. KG, 56567 Neuwied, DE; Morpho Cards GmbH, 24220	Lohmann GmbH & Co. KG, 56567 Neuwied, DE; Morpho Cards GmbH, 24220	LOHMANN (DE); ORGA Kartensystem e	ORGA KARTENSYS TE ME GMBH ((DE)	LOHMANN (DE); ORGA Kartensystem e	

2000-01-27	WODE00002 36	2000-01-27	1999-02-26	2000-01-27	1999-10-22	1999-12-10	1999-10-22	1998-12-19	1999-11-05	1998-12-07	1999-11-13
		EP00910506	DE19908285	AU3271200	DE59908301	AT99121096T	US09458672	EP99121096	EP99122175	DE19856362	JP200058582 0
2000-09-08		2001-12-19	2000-08-31	2000-09-21	2004-02-19	2004-01-15	2002-06-11	2000-06-21	2000-05-14	2000-06-08	2002-09-24
W020005263 5		EP1163634	DE19908285	AU3271200	DE59908301	AT257964	US6402026	EP1011080	EP1008966	DE19856362	JP200253190 4
		2004-01-02	2006-05-24	2004-04-15	2004-02-19	2006-01-15	2002-06-11	2004-01-14	2002-06-01	2002-06-27	2011-09-24
		EP1163634			DE59908301	AT257964	US6402026	EP1011080		DE19856362	
27/01/2001		27/01/2001	26/02/2000	27/01/2001	22/10/2000	22/10/2000	10/12/2000	22/10/2000	05/11/2000	07/12/1999	13/11/2000
27/01/2000		27/01/2000	26/02/1999	27/01/2000	22/10/1999	22/10/1999	10/12/1999	22/10/1999	05/11/1999	07/12/1998	13/11/1999
DE19908285		WODE00002 36	DE19908285	DE19908285	DE19858840	DE19858840	DE19858840	DE19858840	DE19856362	DE19856362	DE19855596
(A1) KONZE BERNHARD (DE); WOLLSCHLAE GER ROLF (DE); WUEPPENHO RST GUIDO (DE))	(A1) KONZE BERNHARD (DE); WOLLSCHLAE GER ROLF (DE); WUEPPENHO RST GUIDO (DE))	(A1) KONZE BERNHARD (DE); WOLLSCHLAE GER ROLF (DE); WUEPPENHO RST GUIDO (DE))	(A1) KONZE BERNHARD (DE); WOLLSCHLAE GER ROLF (DE); WUEPPENHO RST GUIDO (DE))	(A) KONZE BERNHARD; WOLLSCHLAG ER ROLF; WUPPENHOR ST GUIDO	(D1) SCHWIER ANDREAS (DE))	(T) SCHWIER ANDREAS (DE))	(B1) SCHWIER ANDREAS (DE))	(A1) SCHWIER ANDREAS (DE))	(A2) SCHWIER ANDREAS (DE))	(A1) SCHWIER ANDREAS (DE))	(A) PIETIG ACHIM
ORGA KARTENSYS TE M GMBH (DE)	ORGA KARTENSYS TE ME GMBH (DE)	BOWE CARDTEC GMBH	ORGA KARTENSYS TE M GMBH	ORGA KARTENSYS TE M GMBH (DE)	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH (DE)	ORGA Kartensystem e GmbH	ORGA Kartensystem e GmbH	SAGEM ORGA GMBH	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH , PIETIG ACHIM

2002-05-16	2002-05-13	2002-05-08	2002-05-08	2002-05-08	2002-05-08	2002-05-08	2002-05-08	2002-05-08	2002-05-08	2002-05-08	2002-05-08	2002-05-08
DE10222211	DE10221214	ES02740325T	DE50211300	DE10297783	AU2002315676	WODE0201678	US10513615	EP02740325	JP2004503280	CN02829276	DE10297782	
2003-11-27	2003-11-27	2008-05-01	2008-01-10	2005-05-12	2003-11-11	2003-11-20	2005-06-02	2005-02-02	2005-10-06	2005-08-03	2005-05-12	
DE10222211	DE10221214	ES2296945	DE50211300	DE10297783	AU2002315676	W003095226	US2005118537	EP1501688	JP2005530186	CN1649747	DE10297782	
2015-04-02							2008-05-06	2007-11-28		2008-07-30		
DE10222211							US7368217	EP1501688		CN100406274		
16/05/2003	13/05/2003	08/05/2003	08/05/2003	08/05/2003	08/05/2003	08/05/2003	08/05/2003	08/05/2003	08/05/2003	08/05/2003	08/05/2003	
16/05/2002	13/05/2002	08/05/2002	08/05/2002	08/05/2002	08/05/2002	08/05/2002	08/05/2002	08/05/2002	08/05/2002	08/05/2002	08/05/2002	
DE10222211	DE10221214	WODE0201678	WODE0201678	WODE0201678	WODE0201678	WODE0201678	WODE0201678	WODE0201678	WODE0201678	WODE0201678	WODE0201677	
(A1) JANCZEK THIES (DE)	(A1) DOHSE STEFAN (DE); ZANDER JOERG (DE)	(T3) LUTZ NORBERT (DE); ZINNER GERHARD (DE); SCHUMACHE R MATTHIAS (DE); KNAACK ULRICH (DE)	(D1) LUTZ NORBERT (DE); ZINNER GERHARD (DE); SCHUMACHE R MATTHIAS (DE); KNAACK ULRICH (DE)	(D2) LUTZ NORBERT (DE); ZINNER GERHARD (DE); SCHUMACHE R MATTHIAS (DE); KNAACK ULRICH (DE)	(A8) LUTZ NORBERT (DE); ZINNER GERHARD (DE); SCHUMACHE R MATTHIAS (DE); KNAACK ULRICH (DE); FISCHER DIRK (DE)	(A1) LUTZ NORBERT (DE); ZINNER GERHARD (DE); SCHUMACHE R MATTHIAS (DE); KNAACK ULRICH (DE)	(A1) LUTZ NORBERT (DE); ZINNER GERHARD (DE); SCHUMACHE R MATTHIAS (DE); KNAACK ULRICH (DE); FISCHER DIRK (DE)	(A1) LUTZ NORBERT (DE); ZINNER GERHARD (DE); SCHUMACHE R MATTHIAS (DE); KNAACK ULRICH (DE); FISCHER DIRK (DE)	(A) ROOTS NORBERT; TSU-INA GERHARD; SCHUMACHE R MATTHIAS; KUNARK ULRICH; FISCHER DIRK (machine translation)	(A) LUTZ NORBERT (DE); ZINNER GERHARD (DE); SCHUMACHE R MATTHIAS (DE); KNAACK ULRICH (DE)	(D2) LUTZ NORBERT (DE); ZINNER GERHARD (DE); SCHUMACHE R MATTHIAS (DE); KNAACK ULRICH (DE)	
SAGEM ORGA GMBH	SAGEM ORGA GMBH	LEONHARD KURZ STIFTUNG & CO., ORGA SYSTEM GMBH	LEONHARD KURZ STIFTUNG & CO	KURZ LEONHARD FA (DE), ORGA KARTENSYS TE M GMBH (DE)	KURZ LEONHARD FA (DE), ORGA KARTENSYS TE M GMBH (DE)	KURZ LEONHARD FA (DE), ORGA KARTENSYS TE M GMBH (DE)	U NICA TECHNOLOGY AG	U NICA TECHNOLOGY AG	FISCHER DIRK, KNAACK ULRICH, KURZ LEONHARD FA, LUTZ NORBERT,	U NICA TECHNOLOGY AG	KURZ LEONHARD FA (DE), ORGA KARTENSYS TE M GMBH (DE)	

2000-03-27	2000-03-27	2000-03-27	2000-03-27	2000-03-27	2000-03-27	2001-09-26	2000-03-27	2000-02-09	1999-02-26	2000-01-27	2000-01-27	2000-01-27
GB0007429	EP00912809	WOG800011 40	CN00807055	KR200170122 75	AU3445300	AT00102675T	EP00102675	DE19908379	ES00910506T	DE50004926	AT00910506T	
2002-08-14	2002-01-02	2000-10-05	2002-05-15	2002-01-09	2000-10-16	2005-06-15	2000-08-30	2000-09-14	2004-08-16	2004-02-05	2004-01-15	
GB2348186	EP1165429	WO20005820 1	CN1349475	KR200200018 02	AU3445300	AT295965	EP1031842	DE19908379	ES2212988	DE50004926	AT257258	
2002-08-14	2006-02-15					2005-05-18	2005-05-18	2006-08-10	2004-08-16	2004-02-05	2004-01-15	
GB2348186	EP1165429					AT295965	EP1031842		ES2212988	DE50004926	AT257258	
27/03/2001	27/03/2001	27/03/2001	27/03/2001	26/09/2002	27/03/2001	09/02/2001	09/02/2001	26/02/2000	27/01/2001	27/01/2001	27/01/2001	
27/03/2000	27/03/2000	27/03/2000	27/03/2000	26/09/2001	27/03/2000	09/02/2000	09/02/2000	26/02/1999	27/01/2000	27/01/2000	27/01/2000	
GB9907135	WOG800011 40	GB9907135	GB9907135	GB19999907 135	GB9907135	DE19908379	DE19908379	DE19908379	DE19908285	DE50004926	DE19908285	
(B) BARKER ANDREW (GB); CAMPBELL PAUL (GB)	(A1) BARKER ANDREW (GB); CAMPBELL PAUL (GB)	(A1) BARKER ANDREW (GB); CAMPBELL PAUL ((GB))	(A) BARKER ANDREW (GB); CAMPBELL PAUL ((GB))	(A) BARKER ANDREW (GB); CAMPBELL PAUL ((GB))	(A) BARKER ANDREW; CAMPBELL PAUL	(T) KONZE BERNHARD (DE); VELSEN J- RGEN (DE); GROSS HANS- GERD ((DE))	(A1) KONZE BERNHARD (DE); VELSEN J- RGEN (DE); GROSS HANS- GERD (DE)	(A1) KONZE BERNHARD (DE); VELSEN JUERGEN (DE); GROSS HANS- GERD ((DE))	(T3) KONZE BERNHARD (DE); WOLLSCHLAG ER ROLF (DE); WUPPENHOR ST GUIDO (DE)	(D1) KONZE BERNHARD (DE); WOLLSCHLAG GER ROLF (DE); WUPPENHO RST GUIDO (DE)	(T) KONZE BERNHARD (DE); WOLLSCHLAG GER ROLF (DE); WUPPENHO RST GUIDO (DE)	
(B) CARLSBERG TETLEY BREWING LTD (GB)	CARLSBERG BREWRIES (DK)	CARLSBERG TETLEY BREWING (GB)	CARLSBERG TETLY BREWING (GB)	CARLSVERG TETLEY BREWING	CARLSBERG TETLEY BREWING	BOEWE CARDTEC (DE)	BOEWE CARDTEC (DE)	BOWE CARDTEC GMBH	ORGA KARTENSYS TE M GMBH	GIESECKE & DEVRIENT GMBH	ORGA KARTENSYS TE ME GMBH	

1999-06-22	1999-06-09	2000-03-17	2000-03-17	2000-03-17	2000-03-17	2000-03-17	2000-03-17	2000-03-17	2000-03-31	2000-03-27	2000-03-27	2000-03-27	2000-03-27	2000-03-27	2000-03-27	2000-03-27	2001-09-26
DE19928468	DE19926348	DE50010291	AT00929230T	WODE00008 ₄₁	EP00929230	DE19914587	EP1188146	DE19914587	DE60026012	AT00912809T	TR200103389 T	IL14564400	US09963863				
2001-01-18	2000-12-14	2005-06-16	2005-05-15	2000-10-12	2002-03-20	2001-05-03	2002-04-20	2006-03-15	2002-04-22	2002-06-30	2004-12-07						
DE19928468	DE19926348	DE50010291	AT295581	WO200006053 ₇	EP1188146	DE19914587	DE60026012	AT317831	TR200103389	IL145644	US6827238						
2001-05-10	2008-07-31	2005-06-16	2007-01-18		2005-05-11	2001-05-03		2006-03-15			2004-12-07						
DE19928468	DE19926348	DE50010291	AT295581		EP1188146	DE19914587	DE60026012	AT317831			US6827238						
22/06/2000	09/06/2000	17/03/2001	17/03/2001	17/03/2001	17/03/2001	31/03/2000	27/03/2001	27/03/2001	27/03/2001	26/09/2002							
22/06/1999	09/06/1999	17/03/2000	17/03/2000	17/03/2000	17/03/2000	31/03/1999	27/03/2000	27/03/2000	27/03/2000	26/09/2001							
DE19928468	DE19926348	DE199911458 ₇	DE19914587	DE19914587	DE199911458 ₇	DE19914587	GB9907135	GB9907135	GB9907135	GB9907135	GB9907135	(A1) Barker, Andrew, Blrmingham, [GB] Campbell, Paul; Bedford, [GB]					
(A1) WUEPPENHO RST GUIDO (DE); KONZE BERNHARD (DE); WOLLSCHLAE GER ROLF (DE)	(A1) LEWANCZIK RUEDIGER (DE)	(D1) WENDISCH KARL-HEINZ (DE); FANNASCH LOTHAR (DE)	(T) WENDISCH KARL-HEINZ (DE); FANNASCH LOTHAR (DE)	(A1) WENDISCH KARL-HEINZ (DE); FANNASCH LOTHAR (DE)	(A1) WENDISCH KARL-HEINZ (DE); FANNASCH LOTHAR (DE)	(A1) WENDISCH KARL-HEINZ (DE); FANNASCH LOTHAR (DE)	(D1) BARKER ANDREW (GB); CAMPBELL PAUL (GB)	(T) BARKER ANDREW (GB); CAMPBELL PAUL (GB)	(T2) BARKER ANDREW (GB); CAMPBELL PAUL (GB)	(A) BARKER ANDREW (GB); CAMPBELL PAUL (GB)	(A1) Barker, Andrew, Blrmingham, [GB] Campbell, Paul; Bedford, [GB]						
Giesecke & Devrient GmbH, 81677 München, DE	SAGEM ORGA GMBH (DE)	SAGEM ORGA GMBH , WENDISCH KARL HEINZ (DE), ORGA KARTENSYSSTE M GMBH (DE)	ORGA KARTENSYSSTE M GMBH (DE)	ORGA KARTENSYSSTE M GMBH (DE), WENDISCH KARL HEINZ (DE)	ORGA KARTENSYSSTE ME GMBH (DE), WENDISCH KARL HEINZ (DE)	SAGEM ORGA GMBH , WENDISCH KARL HEINZ (DE), ORGA KARTENSYSSTE M GMBH (DE)	CARLSBERG BREWERIES (DK)	CARLSBERG TETLEY BREWING (GB)	CARLSBERG TETLEY BREWING (GB)	CARLSBERG TETLEY BREWING LTD (GB)							

2002-07-30	DE10234751	2003-07-01	WODE03021 93	2003-07-01	EP03762437	2003-07-01	AU20032472 45	2002-07-03	DE10229972	2002-06-25	DE10228373	2002-05-24	EA200401384	WODE03016 83	EP03740033	2003-05-22	AU20032731 58	2003-05-14	WOEP030502 5
2004-02-19	DE10234751	2004-01-15	WO20040061 72	2004-01-23	2005-09-21	2004-01-23	2004-01-23	2004-01-22	2004-01-15	2004-02-05	2004-01-15	2004-02-05	2005-10-27	2003-12-04	2005-03-09	2003-12-12	2003-11-27		
2007-06-28	DE10234751			2004-01-23	2007-02-01	2010-06-17	2004-02-05	2007-02-01	2004-02-05	2004-02-05	2010-06-17	2004-02-05	2005-10-27	2003-12-04	2005-03-09	2003-12-12	2003-11-27		
DE10234751					DE10229972	DE10228373	DE10223282	DE10229972	DE10223282	DE10223282	DE10228373	DE10223282	EA006286	WO03101082	EP1512273	AU20032731 58	WO03098193		
30/07/2003	DE10234751	01/07/2004		01/07/2004	03/07/2003	25/06/2003	24/05/2003	03/07/2003	24/05/2003	24/05/2003	25/06/2003	24/05/2003	22/05/2004	22/05/2004	22/05/2004	22/05/2004	14/05/2004		
30/07/2002	DE10234751	01/07/2003		01/07/2003	03/07/2002	25/06/2002	24/05/2002	03/07/2002	24/05/2002	24/05/2002	25/06/2002	24/05/2002	22/05/2003	22/05/2003	22/05/2003	22/05/2003	14/05/2003		
DE10234751		DE10229972	WODE03021 93	DE10229972	DE10229972	DE10228373	DE10223282	DE10229972	DE10223282	DE10223282	DE10228373	DE10223282	DE10223282	DE10223282	WODE03016 83	DE10223282	DE10222211		
(A1) DOHSE STEFAN (DE); ZANDER JOERG (DE)	(A2) OSTERWALD FRANK (DE)	(A2) OSTERWALD FRANK (DE)	(A2) OSTERWALD FRANK (DE)	(A1) OSTERWALD FRANK	(A1) OSTERWALD FRANK (DE)	(A1) DOHSE STEFAN (DE); ZANDER JOERG (DE)	(B3) SCHUCHART GOETZ (DE); SCHMIDTTPOT T DIRK (DE); YAQUB ADNAN (DE)	(B1) SCHMIDTTPOT T DIRK (DE); SCHUCHART GOETZ (DE); YAQUB ADNAN (DE)	(B3) SCHUCHART GOETZ (DE); SCHMIDTTPOT T DIRK (DE); YAQUB ADNAN (DE)	(B3) SCHUCHART GOETZ (DE); SCHMIDTTPOT T DIRK (DE); YAQUB ADNAN (DE)	(A1) DOHSE STEFAN (DE); ZANDER JOERG (DE)	(B3) SCHUCHART GOETZ (DE); SCHMIDTTPOT T DIRK (DE); YAQUB ADNAN (DE)	(B1) SCHMIDTTPOT T DIRK (DE); SCHUCHART GOETZ (DE); YAQUB ADNAN (DE)	(A1) SCHMIDTTPOT T DIRK (DE); SCHUCHART GOETZ (DE); YAQUB ADNAN (DE)	(A1) SCHMIDTTPOT T DIRK (DE); SCHUCHART GOETZ (DE); YAQUB ADNAN (DE)	(A1) SCHUCHART GOTZ; ADNAN YAQUB; SCHMIDTTPOT T DIRK	(A1) THIES JANCZEK (DE)	ORGA KARTENSYS TE M GMBH (DE)	

2000-07-31	WODE00025 18	2000-07-31	2000-07-17	2000-07-17	2000-07-17	2000-07-17	2000-07-17	2000-06-21	2000-06-21	2000-06-21	2000-06-21	1999-07-01	2000-06-21
2001-02-08	2001-02-19	2001-01-25	2002-04-17	2001-01-18	2001-02-05	2008-05-15	2008-04-15	2001-01-11	2008-04-02	2001-01-11	2001-01-11	2001-01-11	2001-01-22
WO20011007 7	AU7268700	WO20010642 3	EP1196878	DE19933694	AU6426100	DE50015076	AT391313	WO20010305 1	EP1116156	DE19930439	DE19930439	DE19930439	AU6554800
			EP1196878			2010-11-18	2010-11-15		2008-04-02	2008-05-29			
31/07/2001	31/07/2001	17/07/2001	17/07/2001	17/07/2000	17/07/2001	21/06/2001	21/06/2001	21/06/2001	21/06/2001	01/07/2000	21/06/2001	21/06/2001	21/06/2000
31/07/2000	31/07/2000	17/07/2000	17/07/2000	17/07/1999	17/07/2000	21/06/2000	21/06/2000	21/06/2000	21/06/2000	01/07/1999	21/06/2000	01/07/1999	21/06/2000
DE19936529	DE19936529	DE19933694	WODE00023 43	DE19933694	DE19933694	DE19930439	DE19930439	DE19930439	WODE00020 31	DE19930439	DE19930439	DE19930439	DE19930439
(A1) JAHNICH MICHAEL (DE)	(A) JAHNICH MICHAEL	(A1) SCHWIER ANDREAS (DE)	(A1) SCHWIER ANDREAS (DE)	(A1) SCHWIER ANDREAS (DE)	(A) SCHWIER ANDREAS	(D1) OHLERT BERND (DE)	(T) OHLERT BERND (DE)	(A1) OHLERT BERND (DE)	(A1) OHLERT BERND (DE)	(A1) OHLERT BERND (DE)	(A1) OHLERT BERND (DE)	(A1) OHLERT BERND (DE)	(A) OHLERT BERND
ORGA KARTENSYS TE M GMBH	ORGA KARTENSYS TE M GMBH	ORGA KARTENSYS TE ME GMBH (DE)	SAGEM ORGA GMBH	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH	SAGEM ORGA GMBH (DE)	SAGEM ORGA GMBH (DE)	ORGA KARTENSYS TE ME GMBH (DE)	SAGEM ORGA GMBH (DE)	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH

2007-05-24	US12301844	2007-05-24	2007-05-24	2005-03-12	2004-09-25	2005-03-12	2004-03-09	2003-04-04	2003-10-28	2003-10-28	2003-10-28	2002-10-30
	EP07729490	2007-05-24	2007-05-24	2006-09-07	2005-09-29	2006-09-14	2005-09-29	2003-06-18	2007-09-15	2004-05-06	2004-05-19	
2010-11-11	EP07729490	2007-11-29	2007-11-29	2006-09-07	2005-09-29	2006-09-14	2005-09-29	2003-06-18	2007-09-15	2004-05-06	2004-05-19	
US201028730 7	EP2030412	2007-11-29	2007-11-29	2006-09-07	2005-09-29	2006-09-14	2005-09-29	2003-06-18	2007-09-15	2004-05-06	2004-05-19	
	EP2030412	2007-11-29	2007-11-29	2006-09-07	2005-09-29	2006-09-14	2005-09-29	2003-06-18	2007-09-15	2004-05-06	2004-05-19	
24/05/2008	EP2030412	2007-11-29	2007-11-29	2006-09-07	2005-09-29	2006-09-14	2005-09-29	2003-06-18	2007-09-15	2004-05-06	2004-05-19	
24/05/2007	EP2030412	2007-11-29	2007-11-29	2006-09-07	2005-09-29	2006-09-14	2005-09-29	2003-06-18	2007-09-15	2004-05-06	2004-05-19	
DE102006024 882	DE102006024 882	2007-11-29	2007-11-29	2006-09-07	2005-09-29	2006-09-14	2005-09-29	2003-06-18	2007-09-15	2004-05-06	2004-05-19	
(A1) JOHN THOMAS (DE)	(A1) JOHN THOMAS (DE)	(A1) JOHN THOMAS (DE)	(A1) JOHN THOMAS (DE)	(A1) JOHN THOMAS (DE); NORRIS JEREMY (GB)	/	(A1) JOHN THOMAS (DE); WALDMANN PETER ((DE))	(A1) JOHN THOMAS (DE); WALDMANN PETER ((DE))	/	(D1) BUEKER ULRICH (DE); OEYHHAUSE N DIRK ((DE))	(A1) BUEKER ULRICH (DE); OEYHHAUSE N DIRK (DE)	(A1) BUEKER ULRICH (DE); OEYHHAUSE N DIRK (DE)	
MORPHO CARDS	SAGEM ORGA GMBH	MORPHO (DE)	MORPHO (DE)	MORPHO (DE)	MORPHO (DE)	SAGEM ORGA GMBH	MORPHO (DE)	ORGA KARTENSYS TE ME GMBH (DE)	ORGA SYSTEMS (DE)	ORGA SYSTEMS (DE)	ORGA SYSTEMS (DE)	

2007-11-30	2007-11-30	2006-11-30	2006-08-16	2007-07-30	2007-07-30	2006-07-28	2007-05-24	2007-05-24	2006-05-24	2007-05-24
WO18200700 3715	US12312895	EP06301198	DE102006038 486	WOEP200705 7852	EP07802430	DE102006035 735	DE602007008 410T	AT07729490T	BRP10711205	WOEP200705 5061
2008-08-14	2010-04-08	2008-06-04	2008-02-21	2008-01-31	2009-04-29	2008-01-31	2010-09-23	2010-08-15	2007-11-29	2007-11-29
WO20080655 24	US201008844 7	EP1927939	DE102006038 486	WO20080123 74	EP2052557	DE102006035 735	DE602007008 410	AT477664	BRP10711205	WO20071351 91
	2012-08-21		2009-09-17			2008-09-11	2010-09-23	2010-08-15		
	US8250275		DE102006038 486			DE102006035 735	DE602007008 410	AT477664		
30/11/2008	30/11/2008	30/11/2007	16/08/2007	30/07/2008	30/07/2008	28/07/2007	24/05/2008	24/05/2008	24/05/2007	24/05/2008
30/11/2007	30/11/2007	30/11/2006	16/08/2006	30/07/2007	30/07/2007	28/07/2006	24/05/2007	24/05/2007	24/05/2006	24/05/2007
EP06301198	EP06301198	EP06301198	DE102006038 486	DE102006035 735	DE102006035 735	DE102006035 735	DE102006024 882	DE102006024 882	DE102006024 882	DE102006024 882
(A2) SOH KIAN TECK (SG)	(A1) SOH KIAN TECK (SG)	(A1) SOH KIAN TECK (SG)	(A1) ERICHSEN KLAUS (DE)	(A1) SCHOENROCK EDWIN (DE); MUELLER HEINRICH (DE)	(A1) SCHOENROCK EDWIN (DE); MUELLER HEINRICH (DE)	(A1) SCHOENROCK EDWIN (DE); MUELLER HEINRICH (DE)	(D1) JOHN THOMAS (DE)	(T) JOHN THOMAS (DE)	(A1) JOHN THOMAS (DE)	(A1) JOHN THOMAS (DE)
CASSIS INTERNATIO NAL PTE (SG)	CASSIS INTERNATIO NAL PTE (SG)	CASSIS INTERNATIO NAL PTE (SG)	SAGEM MONETEL GMBH (DE)	SAGEM ORGA GMBH (DE)	Morpho Cards GmbH	SAGEM ORGA GMBH (DE)	Morpho Cards GmbH	Morpho Cards GmbH	MORPHO (DE)	MORPHO (DE)

2008-10-09	WOEP2008063569	2007-10-10	2007-11-30	2006-12-01	2007-11-30	2007-11-30	2007-11-30	2006-11-30	2011-04-01	2007-11-30	2012-09-04	2006-11-30	2007-11-30	2007-11-30
		EP11179978	US12312891	EP06301207	WOIB2007003704	WOIB2007003716	WOIB2007003715	EP06301199	US13065918	US12312892	US13602472	06301199	WOIB2007003715	
2009-04-16		2012-01-04	2010-03-25	2008-06-25	2008-06-12	2008-06-05	2008-06-05	2008-06-04	2011-07-28	2010-03-18	2013-01-31	2013-10-21	2008-06-05	
		EP2403275	US2010077392	EP1936574	WO2008068576	WO2008065525	WO2008065524	EP1928152	US2011185081	US2010070649	US2013031267	ES2426192	WO2008065524	
		2016-07-06	2015-02-03					2013-05-29	2012-09-04		2013-07-02			
		EP2403275	US8949821					EP1928152	US8260954		US8478897			
09/10/2009		10/10/2008	30/11/2008	01/12/2007	30/11/2008	30/11/2008	30/11/2008	30/11/2007	01/04/2012	30/11/2008	04/09/2013		30/11/2008	
09/10/2008		10/10/2007	30/11/2007	01/12/2006	30/11/2007	30/11/2007	30/11/2007	30/11/2006	01/04/2011	30/11/2007	04/09/2012	30/11/2006	30/11/2007	
EP07118165		EP07118165	EP06301207	EP06301207	EP06301207	EP06301199	EP06301199	EP06301199	EP06301199	EP06301199	EP06301199	EP06301199	EP06301198	
(A2) CRICCO REMY (FR)	(A1) CRICCO REMY (FR)	(A1) SOH KIAN TECK (SG); GANESWARA N ARUN (SG)	(A1) SOH KIAN TECK (SG); GANESWARA N ARUN (SG)	(A1) SOH KIAN TECK (SG); GANESWARA N ARUN (SG)	(A1) SOH KIAN TECK (SG); GANESWARA N ARUN (SG)	(A1) NG CHEE WEI (MY)	(A1) NG CHEE WEI (MY)	(A1) NG CHEE WEI (MY)	(A1) NG CHEE WEI (MY)	(A1) NG CHEE WEI (MY)	(A1) Ng Chee Wei (MY)	(A1) NG CHEE WEI (MY)	(A2) SOH KIAN TECK (SG)	
SAGEM ORGA GMBH (DE)	MORPHO CARDS (DE)	CASSIS INTERNATIO NAL PTE (SG)	CASSIS INTERNATIO NAL PTE (SG)	CASSIS INTERNATIO NAL PTE (SG)	CASSIS INTERNATIO NAL PTE (SG)	CASSIS INTERNATIO NAL PTE (SG)	CASSIS INTERNATIO NAL PTE (SG)	CASSIS INTERNATIO NAL PTE (SG)	CASSIS INTERNATIO NAL PTE (SG)	CASSIS INTERNATIO NAL PTE (SG)	CASSIS INTERNATIO NAL PTE (SG)	CASSIS INTERNAT PTE LTD (SG), CASSIS INTERNATIO NAL PTE LTD	CASSIS INTERNATIO NAL PTE (SG)	

2014-04-06	US14246167	2013-05-13	2013-03-11	2013-03-07	2010-01-28	2010-01-28	2010-01-28	2010-01-28	2010-01-28	2009-04-14	2010-01-28	2012-08-28	2009-04-14	2009-04-14
2014-08-07	US13893390	2013-10-17	2013-08-22	2013-07-18	2010-08-05	2010-08-05	2010-08-05	2010-08-05	2010-08-05	2010-08-05	2010-08-05	2012-12-20	2010-08-05	2010-08-05
US201422303 3	US201327389 9		US201321909 0	US201318535 1	WO20100867 12	WO20100867 11	WO20100867 31	WO20100867 0177	WO20100867 0153	US201019899 4	US201019734 7	US201232413 3	US201019734 7	US201019728 9
2016-08-09			2014-05-27	2014-04-08						2013-03-12	2012-08-28	2013-02-26	2012-08-28	2013-05-14
US9414433	US8738815		US8738815	US8694695						US8396992	US8254903	US8385902	US8254903	US8442509
06/04/2014		13/05/2013	11/03/2013	07/03/2013	28/01/2011	28/01/2010	28/01/2010	28/01/2010	28/01/2010	14/04/2009	14/04/2009	28/08/2012	14/04/2009	14/04/2010
US200902067 97P	US200902067 97P	US200902067 97P	US200902067 97P	US200902067 97P	US20645409P	US20645409P	US20645409P	US20645409P	US20645409P	US38621209	US38621309	US201213596 622	US38620809	
LEE KWANG WEE (SG)	LEE KWANG WEE (SG) GALVEZ LEANDRO QUITALIG (SG)	LEE KWANG WEE (SG) GALVEZ LEANDRO QUITALIG (SG)	LEE KWANG WEE (SG)	LEE KWANG WEE (SG)	(A2) KWANG WEE LEE (SG); QUITALIG GALVEZ LEANDRO (SG)	(A2) LEE KWANG WEE (SG)	(A1) LEE KWANG WEE (SG)	(A1) LEE KWANG WEE (SG)	(A1) KWANG WEE LEE (SG)	(A1) LEE KAWANG WEE (SG)	(A1) LEE KWANG WEE (SG)	(A1) LEE KWANG WEE (SG)	(A1) LEE KWANG WEE (SG)	(A1) LEE KWANG WEE (SG); GALVEZ LEANDRO QUITALIG (SG)
CASSIS INT LTE LTD (SG) , CASSIS INT PTE LTD (SG)	CASSIS INTERNAT PTE LTD (SG)	CASSIS INTERNAT PTE LTD (SG)	CASSIS INTERNAT PTE LTD (SG)	CASSIS INTERNAT PTE LTD (SG) , CASSIS INTERNAT PTE LTD	CASSIS INTERNATIO NAL PTE (SG)	CASSIS INTERNATIO NAL PTE (SG)	CASSIS INTERNATIO NAL PTE (SG)	CASSIS INTERNATIO NAL PTE (SG)	CASSIS INTERNAT PTE LTD (SG)	CASSIS INTERNATIO NAL PTE (SG)	CASSIS INTERNATIO NAL PTE LTD , CASSIS INTERNAT PTE LTD (SG)	CASSIS INTERNAT PTE LTD (SG)	CASSIS INTERNATIO NAL PTE (SG)	

[illegible]

2011-03-03	CN20111005 1235	2011-08-04	2010-01-28	2010-02-12	2010-01-29	2009-11-11	2010-11-07	2010-11-08	2010-11-08	2009-11-12	2010-11-08	2010-11-08
	WO20110922 89A1	WO20110922 89A1	ES201002900 45T	EP10290066	EP10290045	ES200901757 55T	BR201211099 33	US13504932	WOEP201006 7002	EP09175755	CA2780717	AU20103180 58
2011-09-21				2011-08-24	2011-08-10	2016-05-30	2016-03-08	2012-11-29	2011-05-19	2011-05-18	2011-05-19	2012-05-03
CN10219596 6			ES2413954	EP2360987	EP2355368	ES2572159	BR11201200 9933	US201230396 6	WO20110579 83	EP2323308	CA2780717	AU20103180 58
				2011-08-24	2013-03-27					2011-05-18	2015-08-11	2012-05-03
				EP2360987	EP2355368					EP2323308	CA2780717	AU20103180 58
03/03/2012				12/02/2011	29/01/2011			08/11/2011	08/11/2011	12/11/2010	08/11/2011	08/11/2011
03/03/2011		04/08/2011	28/01/2010	12/02/2010	29/01/2010	11/11/2009	07/11/2010	08/11/2010	08/11/2010	12/11/2009	08/11/2010	08/11/2010
US66072310	EP201002900 45	EP201002900 45	EP201002900 45	EP10290066	EP10290045	EP200901757 55	EP200901757 55	EP09175755	EP09175755	EP09175755	EP09175755	EP09175755
(A) WEE LEE KWANG	(A1) CRICCO REMY (FR)	(A1) CRICCO REMY (FR)	(A1) CRICCO REMY (FR)	(A1) CRICCO REMY (FR)	(A1) CRICCO RIZZO PIERRE (FR) ; BREDE STEINAR (NO)	(A1) HUEBNER THOMAS (DE)	(A1) HUEBNER THOMAS (DE)	(A1) HUEBNER THOMAS (DE)	(A1) HUEBNER THOMAS (DE)	(A1) HUEBNER THOMAS DR (DE)	(A1) HUEBNER THOMAS (DE)	(A1) HUBNER THOMAS
CASSIS INTERNATIO NAL PTE (SG)	SAGEM ORGA GMBH (DE), SIMLINK AS (NO), STMICROELE CTRONICS SRL (FR)	MORPHO CARDS GMBH (DE), SIMLINK AS , ST MICROELECT RONICS SRL (FR)	MORPHO CARDS (DE); ST MICROELECT RONICS (FR); TELENOR (NO)	MORPHO (DE); ST MICROELECT RONICS (FR); TELENOR (NO)	MORPHO CARDS (DE); ST MICROELECT RONICS (FR); TELENOR (NO)	MORPHO CARDS GMBH (DE)	MORPHO CARDS GMBH (DE)	MORPHO CARDS (DE)	SAGEM ORGA GMBH (DE)	Morpho Cards GmbH	MORPHO CARDS (DE)	MORPHO CARDS

2001-02-15		1999-06-18	2004-05-26	2003-07-31	2004-05-26	2004-04-06	2003-04-11	2002-07-03	2003-06-30	2003-06-30	2002-07-03	2002-05-23
PCT/EP01/01 706	99111764.9- 2210	DE200450001 645T	DE200310360 10	04012457.0- 1251	04008297.6- 2212	10317037.5	10262226.4- 53	EP200307624 37	AU20030247 245	10229972.2- 53	DE200210232 82	
2003-11-12	12.1.2000	2006-11-16	2005-04-21	2005-02-02	20-Oct-2004	2004-11-04	2004-01-22	2005-09-21	2004-01-23	2004-01-22	2004-02-05	
EP1360848	EP0971305		DE10336010	EP1502762	EP1469658	DE10317037	DE10262226	EP1576535	AU20032472 45	DE10229972	DE10223282	
	2005-05-04		2005-04-21	2006-10-04						2007-02-01	2004-02-05	
	EP0971305		DE10336010	EP1502762						DE10229972	DE10223282	
15/02/2002	18/06/2000			26/05/2005	06/04/2005	11/04/2004	03/07/2003			03/07/2003		
15/02/2001	18/06/1999	26/05/2004	31/07/2003	26/05/2004	06/04/2004	11/04/2003	03/07/2002	30/06/2003	30/06/2003	03/07/2002	23/05/2002	
WO2001EP01 706	DE199813052 6	DE200310360 10	DE200310360 10	DE200313601 0	DE200311703 7	DE10317037	DE10229972	WO2003DE0 2193	WO2003DE0 2193	DE10229972	DE200210232 82	
LONGONI, Fabio	Dietrich, Hanno	BORMANN FRANK (DE)	BORMANN FRANK (DE)	Bormann, Frank	Rohner, Christoph	Enge, Roland	Osterwald, Frank	Osterwald, Frank	Osterwald, Frank	Osterwald, Frank	SCHUCHART GOETZ (DE)	
Nokia Siemens Networks Oy	Orga Kartensystem e GmbH	U NICA TECHNOLOGY AG	U NICA TECHNOLOGY AG	ORGA Systems GmbH	ORGA SYSTEM ENABLING SERVICE GMBH	ORGA SYSTEM ENABLING SERVICE GMBH	Sagem Orga GmbH	SAGEM ORGA GMBH	ORGA KARTENSYS TE M GMBH	SAGEM ORGA GMBH (DE)	REDKNEE INC	

2002-02-08	2002-02-08	2004-02-27	2004-02-27	2004-02-27	2005-02-25	2004-02-27	2004-02-27	2005-02-25	2004-02-27	2005-02-25	2005-02-25	2001-02-15	2003-08-14	2001-02-15	2001-02-15	2001-02-15
AT200207179 45T	02717945.6- 2221	AT200400044 71T	AT200400044 71T	DE200450005 699T	IN2005MU00 212	04004471.1- 2412	2005-02-25	2004-02-27	2005-02-25	2004-02-27	2005-02-25	WO2001EP01 706	US200304580 96	JP200205653 77	CN20018226 18	AU20010242 411
2008-04-15	2003-11-26	2004-02-26	2004-02-26	2008-01-24	2008-03-28	31.08.2005	2005-09-15	2002-08-22	2004-05-06	2006-02-15	2007-05-09	2002-08-28				
AT391369	EP1364332	AT200400044 71T	AT200400044 71T	DE502004005 699	IN214167A1	EP1569475	AU20052008 55	WO20055796	US200408592 5	JP3746040	CN1315341	AU20012424 11				
2008-04-15	2008-04-02	2004-02-26	2004-02-26			2007-12-12				2006-02-15	2007-05-09					
AT391369	EP1364332	AT200400044 71T	AT200400044 71T			EP1569475				JP3746040	CN1315341					
	08/02/2003					27/02/2005	25/02/2006									
08/02/2002	08/02/2002	27/02/2004	27/02/2004	27/02/2004	25/02/2005	27/02/2004	25/02/2005	15/02/2001	14/08/2003	15/02/2001	15/02/2001	15/02/2001				
WO2002DE0 0464	DE200110690 4	EP200400044 71	EP200400044 71	EP200400044 71	EP200400044 71	EP200400044 71	EP200400044 71	WO2001EP01 706	WO2001EP01 706	WO2001EP01 706	WO2001EP01 706	WO2001EP01 706				
GERDES PETER (DE)	GERDES, Peter	TROTT KARIM (DE)	TROTT KARIM (DE)	TROTT KARIM (DE)	TROTT KARIM (DE)	Trott, Karim	Trott, Karim			LONGONI, Fabio	LONGONI, Fabio	LONGONI, Fabio	NOKIA CORP (FI), NOKIA CORP (IFI)			
ORGA SYSTEM GMBH (DE)	Orga Systems GmbH	ORGA SYSTEM GMBH (DE)	ORGA SYSTEM GMBH (DE)	ORGA SYSTEM GMBH (DE)	ORGA SYSTEM GMBH (DE)	Orga Systems GmbH	Orga Systems GmbH	NOKIA CORP (FI)	NOKIA SIEMENS NETWORKS BV	NOKIA CORP	NOKIA CORP (FI)	NOKIA CORP (IFI)				

2007-07-30	2007-05-24	2007-05-24	2007-05-24	2007-05-24	2007-05-24	2006-04-24	2002-02-08	2003-08-11	2002-02-08	2001-02-12	2002-02-08	2002-02-08
PCT/EP2007/ 057852	US200703018 44	PCT/EP2007/ 055061	PCT/EP2007/ 055061	PCT/EP2007/ 055061	2,653,096	06112957 3- 2412	ES200207179 45T	EC2003SP047 22	EA200300008 85	DE200110069 04	BR200200071 83	AU20020249 070
31.01.2008	2010-11-11	2007-11-29	2007-11-29	04-Mar-2009	29.11.2007	31-Oct-2007	2008-10-16	2003-10-28	2005-06-30	2002-08-29	2005-01-11	2002-02-28
WO20080123 74	US201028730 7	WO20071351 91	WO20071351 91	EP2030412	CA2653096	EP1850603	ES2304431	ECSPO34722A	EA005837	DE10106904	BR0207183	AU20020249 070
				2010-08-11	2015-07-07				2005-06-30			
				EP2030412	CA2653096				EA005837			
30/07/2008		24/05/2008	24/05/2008	24/05/2007	24/05/2007	24/04/2007						
30/07/2007	24/05/2007	24/05/2007	24/05/2007	24/05/2007	24/05/2007	24/04/2006	08/02/2002	11/08/2003	08/02/2002	12/02/2001	08/02/2002	08/02/2002
DE200610357 35	WO2007EP55 061	DE200610248 82	DE200610248 82	DE200610248 82	DE200610248 82	EP1850603	WO2002DE0 0464	WO2002DE0 0464	WO2002DE0 0464	WO2002DE0 0464	WO2002DE0 0464	WO2002DE0 0464
SCHOENROCK EDWIN (DE), MUELLER HEINRICH (DE)	JOHN THOMAS (DE)	JOHN, Thomas	JOHN, Thomas	JOHN, Thomas	JOHN, THOMAS	Cznotka, Heinfried	GERDES PETER (DE)	GERDES PETER (DE)	GERDES PETER (DE)	GERDES PETER (DE)	GERDES PETER (DE)	GERDES PETER (DE)
Morpho Cards GmbH	MORPHO CARDS GMBH	Sagem Orga GmbH	Sagem Orga GmbH	Sagem Orga GmbH	SAGEM ORGA GMBH (DE)	Orga Systems GmbH	ORGA SYSTEM GMBH	ORGA KARTENSYS TE M GMBH	ORGA KARTENSYS TE M GMBH (DE)	ORGA SYSTEM GMBH	ORGA KARTENSYS TE M GMBH (DE)	ORGA KARTENSYS TE M GMBH (DE)

1997-02-21	1997-02-21	1998-11-04	2011-09-05	2010-06-18	2011-10-13	2011-10-13	2011-10-13	2010-10-19	2011-05-10	2011-05-10
ES199709172 34T	PCT/DE97/00 316	98120907.5	11179977.1	10166539.6	EP.11768025. 6	EP.11768025. 6	EP.11768025. 6	PCT/EP2011/ 067916	ES201107187 44T	2012147832
2013-07-05	28.8.1997	19.5.1999	06-Mar-2013	2012-01-11	26.4.2012	2011-10-13	28.8.2013	2012-04-25	2015-03-06	2014-05-20
ES2411476	WO9731334	EP0917079	EP2566207	EP2405442	DE602011016 349	DE602011016 349	EP2630779	EP2445179		RU20121478 32
		2015-05-27			2015-05-06	2015-05-06	2015-05-06			
		EP0917079					EP2630779			
	21/02/1998	04/11/1999	05/09/2012	18/06/2011	13/10/2012	13/10/2012	13/10/2012	19/10/2011		10/05/2012
21/02/1997	21/02/1997	04/11/1998	05/09/2011	18/06/2010	13/10/2011	13/10/2011	13/10/2011	19/10/2010	10/05/2011	10/05/2011
WO1997DE0 0316	DE199610678 9	DE199714920 5	EP2566207	EP2405442	EP201001880 50	EP201001880 50	EP201001880 50	EP201001880 50	WO2011EP57 537	EP201001623 90
TRUEGGELM ANN UWE, SCHULTE THOMASLOT HAR., BLOME RAINER	TRÜGGELMA NN, Uwe Schulte Thomas- Lothar Blome Rainer	Zöllner, Heinz	WINTER, Christian	Konze, Bernhard and Kullinna, Michael	WINTER, Christian	WINTER, Christian	WINTER, Christian	WINTER, Christian	WINTER, Christian	WINTER, Christian
MORPHO CARDS GMBH (DE), SAGEM ORGA GMBH (DE)	Orga Kartensystem e GmbH	MEDTRONIC INC (NL), MORPHO CARDS GMBH (DE), SAGEM ORGA GMBH	Morpho Cards GmbH	Morpho Cards GmbH	Morpho Cards GmbH	Morpho Cards GmbH	Morpho Cards GmbH	Morpho Cards GmbH	MORPHO CARDS GMBH	Morpho Cards GmbH

2001-04-11	2000-05-20	2007-11-21	2001-04-12	2001-04-12	2000-05-20	2003-07-01	2002-05-13	2001-10-12	2002-10-09	2001-10-12	2001-03-22
DE200151291 1	DE200012509 3	CY200711001 500T	2001260205	2001260205	10025093.9	PCT/DE2003/ 002193	10221214.7- 53	10165102.3	AU20020350 523	10165105.8	10114231.5- 33
2007-10-04	2001-11-22	2012-09-26	03.12.2001	03.12.2001	2001-11-22	15.01.2004	2003-11-27	2003-04-17	2003-04-28	2003-04-17	2002-10-10
DE50112911 D1	DE10025093 A1	CY1107019	AU20012602 05	AU20012602 05	DE10025093	WO20040061 72	DE10221214	DE10165102	AU20020350 523	DE10150194	DE10114231
			2007-05-17	2007-05-17						2013-08-22	
			AU20012602 05	AU20012602 05						DE10150194	
			12/04/2002	12/04/2002	20/05/2001	01/07/2004	13/05/2003	12/10/2002		12/10/2002	22/03/2002
11/04/2001	20/05/2000	21/11/2007	12/04/2001	12/04/2001	20/05/2000	01/07/2003	13/05/2002	12/10/2001	09/10/2002	12/10/2001	22/03/2001
DE200012509 3	DE200012509 3	DE200012509 3	DE200012509 3	DE200012509 3	DE200012509 3	DE200212997 2	DE200212121 4	DE200115019 4	DE200100501 94	DE200115019 4	DE10114231
HENN RALF (DE), FISCHER DIRK (DE), SCHUMACHE R MATTHIAS (DE)	HENN RALF (DE), FISCHER DIRK (DE), SCHUMACHE R MATTHIAS (DE)	HENN RALF (DE), FISCHER DIRK (DE), SCHUMACHE R MATTHIAS (DE)	HENN RALF, FISCHER DIRK, SCHUMACHER MATTHIAS	HENN RALF, FISCHER DIRK, SCHUMACHER MATTHIAS	Henn, Ralf	OSTERWALD, Frank	DOHSE STEFAN and Zander Jörg	HAHN ENRICO	HAHN ENRICO (!)	HAHN ENRICO	Senge, Carsten
Sagem Orga GmbH	Sagem Orga GmbH	Sagem Orga GmbH	Sagem Orga GmbH	Sagem Orga GmbH	ORGA Kartensystem e GmbH	Orga Kartensystem e GmbH	SAGEM ORGA GMBH	Morpho Cards GmbH	ORGA KARTENSYS TE M GMBH (DE), ORGA KARTENSYS TE M GMBH (DE)	SAGEM ORGA GMBH	SAGEM ORGA GMBH

2013-07-02	2013-07-02	2013-07-02	2013-07-02	2012-07-03	1997-01-05	2006-08-16	1998-11-06	1997-11-25	1998-03-05	2001-04-11	2003-05-04
20138003499 2.3	2,875,765	BR 11 2014 032514 6	PCT/EP2013/ 063899	10201221154 6	97100152	10200603848 6	19851195.7	08/977,967	08/983,315	WO2001EP04 232	US200302965 67
2015-03-11	2014-12-04	not available	2014-01-09	2014-01-09	1999-01-20	21.2.2008	11.5.2000	26-Dec-2000	2000-04-25	2011-11-29	2003-05-04
CN10441228 1	CA2875765	BR112014032 5146	WO20140060 24	DE102012211 546	RU97100152	DE102006038 486	DE19851195	US6165696	US6055442	WO0189831	US20040073 24A1
				2014-01-09	2001-02-10	2009-09-17	2003-01-16	2000-12-26	2000-04-25		
				DE102012211 546	2163029	DE10200603 8486	DE19851195	US6165696	US6055442		
02/07/2014	02/07/2014	02/07/2014	02/07/2014	03/07/2013	05/01/1998	#VALEURI	06/11/1999	25/11/1998	05/03/1999		
02/07/2013	02/07/2013	02/07/2013	02/07/2013	03/07/2012	05/01/1997	16.08.2006	06/11/1998	25/11/1997	05/03/1998	11/04/2001	04/05/2003
DE201210211 546	DE201210211 546	DE201210211 546	DE201210211 546	DE201210211 546	DE19512725	DE200610384 86	DE199810511 95	DE19649301	DE199610182 18	DE200012509 3	DE200012509 3
KRULL THORALF, Senge Carsten	KRULL THORALF, Senge Carsten	KRULL THORALF, Senge Carsten	KRULL THORALF, Senge Carsten	KRULL THORALF, Senge Carsten	Not available	ERICHSEN KLAUS	OHLERT BERND	FISCHER DIRK	DIETRICH HANNO	HENN RALF (DE), FISCHER DIRK (DE), SCHUMACHE R MATTHIAS (DE)	HENN RALF (DE), FISCHER DIRK (DE), SCHUMACHE R MATTHIAS (DE)
Morpho Cards GmbH	Morpho Cards GmbH	Morpho Cards GmbH	Morpho Cards GmbH	Morpho Cards GmbH	ORGA Kartensystem e GmbH	Sagem Monétel GmbH	SAGEM ORGA GMBH	ORGA Kartensystem e GmbH	ORGA Kartensystem e GmbH	Sagem Orga GmbH	Sagem Orga GmbH

2013-10-29	2012-11-02	1992-08-05	1992-08-05	1992-08-05	1992-08-05	1991-08-13	1992-08-06	1992-12-15	2013-07-02	2013-07-02	2013-07-02	2013-07-02	2014-12-05
PCT/EP2013/ 072571	12191036.8	ES2095368	EP199201134 38	AT199201134 38T	DE199141268 74	92113438.3	P4242247.7	14/412,155	10201470364 40	2015-519188	10401/DELNP /2014		
2014-05-08	2014-05-07	1997-02-16	1996-12-27	1997-01-15	1997-05-22	1997-02-06	16-Jun-1994	2015-06-11	2015-04-03	2015-07-30	2015-08-14		
WO20140679 25	EP2728908		EP0527437	AT146888		(DE59207752)	DE4242247	US201501615 01	KR201500346 95	JP201552177 7	IN-DELNP- 2014-10401		
	2017-04-05		1996-12-27	1997-01-15		1996-12-27	1998-05-14						
	EP2728908		EP0527437	AT146888		592 07 752.7	DE4242247						
29/10/2014	02/11/2013					06/08/1993	15/12/1993	02/07/2014	02/07/2014	02/07/2014	05/12/2015		
29/10/2013	02/11/2012	05/08/1992	05/08/1992	05/08/1992	13/08/1991	06/08/1992	15/12/1992	02/07/2013	02/07/2013	02/07/2013	05/12/2014		
EP201201910 36	EP201201910 36	DE199141268 74	DE199141268 74	DE199141268 74	DE199141268 74	DE199142687 4	DE199242422 47	DE201210211 546	DE201210211 546	DE201210211 546	DE201210211 546		
Shriya Sanjeev, PHOGAT VIKAS	Shriya Sanjeev, PHOGAT VIKAS	BLOME RAINER (DE)	BLOME RAINER (DE)	BLOME RAINER (DE)	BLOME RAINER (DE)	Blome, Rainer	FREISE LUDWIG	KRULL THORALF, Senge Carsten	KRULL THORALF, Senge Carsten	KRULL THORALF, Senge Carsten	KRULL THORALF, Senge Carsten		
Morpho Cards GmbH	Morpho Cards GmbH	ORGA KARTENSYS TE M GMBH	ORGA KARTENSYS TE M GMBH	ORGA KARTENSYS TE M GMBH	ORGA KARTENSYS TE M GMBH	ORGA KARTENSYS TE M GMBH	ORGA KARTENSYS TE M GMBH , SAGEM ORGA GMBH	Morpho Cards GmbH	Morpho Cards GmbH	Morpho Cards GmbH	Morpho Cards GmbH		

2015-10-22	2014-07-23	2014-07-24	2014-06-18	2013-10-29	2015-03-10	2012-11-01	2013-10-29	2013-10-29	2013-10-29
15190958.7	10201411041 6.1	10201421454 8.1	10201410862 6	13190609.1	10201510348 9	ES201201910 36T	14/438,717	2015114703	3614/DELNP/ 2015
		2016-01-28	24.12.2015	2015-05-06	2016-09-15	2017-07-19	2015-10-22	2012.12.206	2015-11-20
EP3159824A1		DE102014214 548	DE102014108 626	EP2869531	DE102015103 489		US 20150303964	RU20151147 03	IN-DELNP- 2015-03614
				2017-10-04			2017-01-31		
				EP2869531			US9559737		
22/10/2016	23/07/2015	24/07/2015	18/06/2015	29/10/2014	10/03/2016		29/10/2014	29/10/2014	29/10/2014
22/10/2015	23/07/2014	24/07/2014	18/06/2014	29/10/2013	10/03/2015	01/11/2012	29/10/2013	29/10/2013	29/10/2013
15190958.7	DE10 2014 110 416.1	DE201410214 548	DE201410108 626	EP201301906 09	10 2015 103 489.1	EP201201910 36	EP201201910 36	EP201201910 36	EP201201910 36
Christian Winter, Carsten Rust	Ralf Zebe	Senge, Carsten	HELD WOLFGANG, Kleinert Frank	Winter Christian Harvat Nikolaj Lotz Andreas	Dr. Thoralf Krull, Carsten Senge	SHRIYA SANJEEV, PHOGAT VIKAS	Shriya Sanjeev, PHOGAT VIKAS	Shriya Sanjeev, PHOGAT VIKAS	Shriya Sanjeev, PHOGAT VIKAS
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